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THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

SEVENTY-FIRST EDITION, PUBLISHED AT WESTMINSTER, MARYLAND

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INCLUDING THE INDUSTRY'S YELLOW PAGES.

INDEX TO CONTENTS

(See also pages 30 & 31)

The section index on the front cover reveals the basic layout of this reference. Additionally, there's an index on the first page of the larger sections, and an index to the Buyer's Guide on page 633. Indices to the Food & Drug Act and the Code of Federal Regulations on pages 30 and 31 are new to this 1986 Edition.

In this detailed index, the editors have made every effort to cross index as far as possible without making it too bulky and cumbersome. The volume of detail included in this work, however, creates a near impossible indexing problem.

For best results new users are urged to spend some time familiarizing themselves with Almanac contents.

Bear in mind that this 71st edition, with the exception of some last minute changes where noted, is updated to May 15, 1986

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CAN PRICES

(Per 1000 cans)

Prices, 1931 thru 1947, are for hot dip cans basis 1.50 lbs. tin per base box throughout. Since the advent of electrolytic tin plating during World War II, very few commodities are packed in cans made entirely by the hot dipped process. See description of symbols at end of table. Prices FOB Baltimore at time of shipment, no discounts reflected; thru 1971 during seasonal packs; 1972-75 avg. yearly price; 1976-80 during seasonal packs, 1981 and thereafter effec. April 1.

Year	8Z Tall 211x304	No. 1 Pic 211x400	No. 303 303x406	No. 2 307x409	No. 2½ 401x411	No. 3 cyl. 404x700	No. 10 603x700
1931.....		\$14.40		\$19.99	\$25.21	*\$27.19	\$80.33
1932.....		13.95		19.32	24.36	*26.24	58.46
1933.....		13.05		17.97	22.66	*24.34	54.71
1934, 1935 and 1936.....		14.85		20.67	26.06	*28.14	62.21
1937.....		13.66		19.02	23.06	*25.89	57.23
1938.....		14.56		20.32	24.71	*27.79	60.93
1939.....		13.98		19.41	23.56	*25.46	58.34
1940 thru 1946.....		13.85		19.00	22.60	*26.46	57.20
1947.....		16.05		21.63	26.19	40.93	65.69
1948 Hot Dipped, 1.50.....		18.24		24.61	30.05	46.26	74.51
1948 Electrolytic, .50 i.e.....		17.80		23.78	29.41	45.83	75.09
1949 Hot Dipped, 1.50.....		20.20		27.29	33.52	51.05	82.41
1949 Electrolytic, .50 i.e.....		19.31		25.81	32.05	49.47	81.14
1950 Hot Dipped, 1.50.....		19.89	24.75	26.75	32.88	50.12	81.05
1950 Electrolytic, .50 i.e.....		19.27	23.69	25.66	31.91	49.23	80.89
1951 Hot Dipped, 1.50.....		22.59	28.03	30.88	38.37	57.87	93.60
1951 Electrolytic, .50 i.e.....		21.37	26.38	29.07	36.21	55.26	90.48
1952 Hot Dipped, 1.50.....		22.49	27.95	30.62	37.95	57.34	92.68
1952 Electrolytic, .50 i.e.....		21.27	26.25	28.64	35.66	54.73	89.56
1953 Hot Dipped, 1.50.....	21.36	23.46	29.20	31.98	39.66	59.85	96.75
1953 Electrolytic, .50 i.e.....	20.28	22.21	27.46	29.96	37.32	57.17	93.56
1953 Electrolytic, .25 i.e.....	19.90	21.78	26.88	29.29	36.50	56.03	91.67
1957 Hot Dipped, 1.50.....	24.97	27.50	34.24	37.48	47.73	72.29	117.01
1957 Electrolytic, .50 i.e.....	23.93	26.30	32.60	35.68	45.53	69.72	113.93
1957 Electrolytic, .25 i.e.....	23.65	25.87	32.02	35.04	44.72	68.60	112.09
1957 Differential.....	23.59	25.94	32.18	35.18	44.79	68.33	110.97
1961 Hot Dipped, 1.50.....	24.82	29.20	33.61	38.03	47.98	76.30	124.08
1961 elect. #25 E.I.....	23.47	27.64	31.43	35.53	45.07	72.65	119.26
1961 diff. B 50/25; E 25 i.e.....	23.84	28.06	32.00	36.18	45.87	73.77	121.11
1961 diff. B 75/25; E 25 i.e.....	23.39	27.57	31.42	35.48	44.86	72.03	117.53
1961 diff. B 100/25; E 25 i.e.....	23.48	27.68	31.57	35.64	45.05	72.34	117.97
1963 Hot Dipped, 1.50.....	25.65	30.29	34.81	39.43	49.64	77.17	126.44
1963 elect. #25 E.I.....	24.30	28.73	32.63	36.93	46.73	73.52	121.62
1963 diff. B 50/25; E 25 i.e.....	23.86	28.22	32.02	36.24	45.76	71.66	118.13
1963 diff. B 75/25; E 25 i.e.....	24.22	28.66	32.64	36.88	46.52	72.90	119.89
1963 diff. B 100/25; E 25 i.e.....	24.31	28.77	32.77	37.04	46.71	73.21	120.33
1963 elect. #25 E.I.*.....	23.74	.....	31.64	.....	.....	.....	.....
1963 diff. B 50/25; E 25 i.e.*.....	23.30	.....	31.03	.....	.....	.....	.....
1963 diff. B 75/25; E 25 i.e.*.....	23.66	.....	31.63	.....	.....	.....	.....
1963 diff. B 100/25; E 25 i.e.*.....	23.75	.....	31.78	.....	.....	.....	.....
1965 elect. #25 E.I.....	25.46	30.09	34.07	38.69	48.92	76.53	126.79
1965 diff. B 50/25; E 25 i.e.....	25.02	29.58	33.46	38.00	47.95	74.67	123.30
1965 diff. B 75/25; E 25 i.e.....	25.38	30.02	34.06	38.64	48.71	75.91	125.06
1965 diff. B 100/25; E 25 i.e.....	25.47	30.13	34.21	38.80	48.90	76.22	125.50
1965 elect. #25 E.I.*.....	24.99	.....	33.06	.....	.....	.....	.....
1965 diff. B 50/25; E 25 i.e.*.....	24.55	.....	32.45	.....	.....	.....	.....
1965 diff. B 75/25; E 25 i.e.*.....	24.91	.....	33.05	.....	.....	.....	.....
1965 diff. B 100/25; E 25 i.e.*.....	25.00	.....	33.20	.....	.....	.....	.....
1967 elect. #25 E.I.....	26.53	31.28	35.45	40.49	51.16	79.16	131.77
1967 diff. B 50/25; E 25 i.e.....	26.09	30.77	34.84	39.80	50.19	77.30	128.28
1967 diff. B 75/25; E 25 i.e.....	26.45	31.21	35.44	40.44	50.95	78.54	130.04
1967 diff. B 100/25; E 25 i.e.....	26.45	31.32	35.59	40.50	51.14	78.85	130.48
1967 elect. #25 E.I.*.....	25.98	.....	34.48	.....	.....	.....	.....
1967 diff. B 50/25; E 25 i.e.*.....	25.54	.....	33.87	.....	.....	.....	.....
1967 diff. B 75/25; E 25 i.e.*.....	25.90	.....	34.47	.....	.....	.....	.....
1967 diff. B 100/25; E 25 i.e.*.....	25.99	.....	34.62	.....	.....	.....	.....
1969 elect. #25 E.I.....	28.67	33.63	38.19	44.49	56.24	87.91	149.32
1969 diff. B 50/25; E 25 i.e.....	28.46	33.40	37.95	44.20	55.74	86.83	146.93
1969 diff. B 75/25; E 25 i.e.....	28.78	33.78	38.47	44.76	56.41	87.91	148.47
1969 diff. B 100/25; E 25 i.e.....	29.00	34.06	38.85	45.16	56.88	88.69	149.57
1969 elect. #25 E.I.*.....	28.36	.....	37.89	.....	.....	.....	.....
1969 diff. B 50/25; E 25 i.e.*.....	28.14	.....	37.64	.....	.....	.....	.....
1969 diff. B 75/25; E 25 i.e.*.....	28.46	.....	38.17	.....	.....	.....	.....
1969 diff. B 100/25; E 25 i.e.*.....	28.68	.....	38.54	.....	.....	.....	.....
1971 elect. #25 E.I.....	33.58	39.26	44.80	51.95	66.19	102.70	174.65
1971 diff. B 50/25; E 25 i.e.....	33.46	39.14	44.71	51.82	65.88	101.93	172.70
1971 diff. B 75/25; E 25 i.e.....	33.73	39.48	45.15	52.20	66.45	102.85	174.02
1971 diff. B 100/25; E 25 i.e.....	34.00	39.80	45.61	52.72	67.02	103.79	175.34
1971 elect. #25 E.I.*.....	33.32	.....	44.36	.....	.....	.....	.....
1971 diff. B 50/25; E 25 i.e.*.....	33.20	.....	44.27	.....	.....	.....	.....
1971 diff. B 75/25; E 25 i.e.*.....	33.47	.....	44.71	.....	.....	.....	.....
1971 diff. B 100/25; E 25 i.e.*.....	33.74	.....	45.17	.....	.....	.....	.....

* No. 3.

CAN PRICES—Continued

Year	8Z Tall 211x304	No. 1 Pic 211x400	No. 303 303x406	No. 2 307x409	No. 2½ 401x411	No. 3 cyl. 404x700	No. 10 603x700
1973 elect. #25 E.I.	37.09	43.36	49.68	57.73	73.91	114.56	196.66
1973 diff. B 50/25; E 25 i.e.	37.24	43.59	50.07	58.14	74.19	114.73	195.99
1973 diff. B 75/25; E 25 i.e.	37.63	43.95	50.55	58.66	74.80	115.73	197.40
1973 diff. B 100/25; E 25 i.e.	37.92	44.42	51.20	59.35	75.62	117.06	199.30
1973 elect. #25 E.I.*	36.94	.....	49.08	.....	.....	.....	.....
1973 diff. B 50/25; E 25 i.e.*	37.09	.....	49.47	.....	.....	.....	.....
1973 diff. B 75/25; E 25 i.e.*	37.48	.....	49.95	.....	.....	.....	.....
1973 diff. B 100/25; E 25 i.e.*	37.77	.....	50.60	.....	.....	.....	.....
1975 elect. #25 E.I.	55.36	64.62	74.32	87.03	110.83	170.87	294.21
1975 diff. B 50/25; E 25 i.e.	55.33	64.63	74.43	87.10	110.72	170.31	292.33
1975 diff. B 75/25; E 25 i.e.	56.10	65.57	75.71	88.46	112.34	172.95	296.07
1975 diff. B 100/25; E 25 i.e.	56.82	66.45	76.91	89.74	113.86	175.43	299.59
1975 elect. #25 E.I.*	54.61	.....	73.38	.....	.....	.....	.....
1975 diff. B 50/25; E 25 i.e.*	54.58	.....	73.49	.....	.....	.....	.....
1975 diff. B 75/25; E 25 i.e.*	55.35	.....	74.77	.....	.....	.....	.....
1975 diff. B 100/25; E 25 i.e.*	56.07	.....	75.97	.....	.....	.....	.....
1977 elect. #25 E.I.	64.63	75.43	86.80	101.62	129.41	199.46	343.43
1977 diff. B 50/25; E 25 i.e.	64.62	75.47	86.96	101.73	129.32	198.87	341.32
1977 diff. B 75/25; E 25 i.e.	65.29	76.29	88.08	102.93	130.74	201.19	344.62
1977 diff. B 100/25; E 25 i.e.	66.15	77.34	89.51	104.45	132.55	204.14	348.80
1977 elect. #25 E.I.*	63.75	.....	85.71	.....	.....	.....	.....
1977 diff. B 50/25; E 25 i.e.*	63.74	.....	85.87	.....	.....	.....	.....
1977 diff. B 75/25; E 25 i.e.*	64.41	.....	86.99	.....	.....	.....	.....
1977 diff. B 100/25; E 25 i.e.*	65.27	.....	88.42	.....	.....	.....	.....
1979 elect. #25 E.I.	84.76	98.60	115.31	135.73	173.33	264.65	460.71
1979 diff. B 50/25; E 25 i.e.	84.92	98.84	115.77	136.15	173.57	264.56	459.20
1979 diff. B 75/25; E 25 i.e.	86.06	100.24	117.67	138.18	175.98	268.50	464.79
1979 diff. B 100/25; E 25 i.e.	87.25	101.69	119.65	140.29	178.49	272.59	470.60
1979 elect. #25 E.I.*	82.83	96.72	112.58	.....	.....	.....	.....
1979 diff. B 50/25; E 25 i.e.*	82.99	96.96	113.04	.....	.....	.....	.....
1979 diff. B 75/25; E 25 i.e.*	84.13	98.36	114.94	.....	.....	.....	.....
1979 diff. B 100/25; E 25 i.e.*	85.32	99.81	116.92	.....	.....	.....	.....
1981 elect. #25 E.I.	109.63	127.29	150.25	177.06	226.18	345.43	601.92
1981 diff. B 50/25; E 25 i.e.	109.80	127.57	150.82	177.57	226.42	345.16	599.71
1981 diff. B 75/25; E 25 i.e.	110.91	128.94	152.68	179.55	228.77	349.01	605.17
1981 diff. B 100/25; E 25 i.e.	112.82	131.27	155.86	182.94	232.80	355.58	614.50
1981 elect. #25 E.I.*	106.65	124.21	145.86	.....	.....	.....	.....
1981 diff. B 50/25; E 25 i.e.*	106.82	124.49	146.43	.....	.....	.....	.....
1981 diff. B 75/25; E 25 i.e.*	107.93	125.86	148.29	.....	.....	.....	.....
1981 diff. B 100/25; E 25 i.e.*	109.84	128.11	151.47	.....	.....	.....	.....
1982 elect. #25 E.I.	121.35	140.88	166.32	195.97	260.37	382.42	666.56
1982 diff. B 50/25; E 25 i.e.	121.01	140.57	166.10	195.63	249.52	380.26	661.28
1982 diff. B 75/25; E 25 i.e.	122.26	142.08	168.17	197.83	252.15	384.53	667.36
1982 diff. B 100/25; E 25 i.e.	123.70	143.84	170.57	200.39	255.19	389.49	674.40
1982 elect. #25 E.I.*	118.05	137.47	161.47	.....	.....	.....	.....
1982 diff. B 50/25; E 25 i.e.*	117.71	137.16	161.25	.....	.....	.....	.....
1982 diff. B 75/25; E 25 i.e.*	118.96	138.67	163.32	.....	.....	.....	.....
1982 diff. B 100/25; E 25 i.e.*	120.40	140.43	165.72	.....	.....	.....	.....
1983 elect. #25 E.I.	128.62	149.33	176.29	207.73	265.39	405.36	706.57
1983 diff. B 50/25; E 25 i.e.	128.19	148.91	175.93	207.24	264.33	402.82	700.61
1983 diff. B 75/25; E 25 i.e.	129.44	150.42	178.00	209.44	266.96	407.09	706.69
1983 diff. B 100/25; E 25 i.e.	130.88	152.18	180.40	212.00	270.00	412.05	713.73
1983 Elect. #25 E.I.*	125.12	145.71	171.15	.....	.....	.....	.....
1983 diff. B 50/25; E 25 i.e.*	124.69	145.29	170.79	.....	.....	.....	.....
1983 diff. B 75/25; E 25 i.e.*	125.94	146.80	172.86	.....	.....	.....	.....
1983 diff. B 100/25; E 25 i.e.*	127.38	148.56	175.26	.....	.....	.....	.....
1984 elect. #25 E.I.	137.63	159.78	188.62	222.28	283.96	433.73	756.02
1984 diff. B 50/25; E 25 i.e.	137.08	159.23	188.09	221.60	282.65	430.72	749.22
1984 diff. B 75/25; E 25 i.e.	138.33	160.74	190.16	223.80	285.28	434.99	755.30
1984 diff. B 100/25; E 25 i.e.	139.77	162.50	192.66	226.36	288.32	439.95	762.34
1984 elect. #25 E.I.*	133.88	153.85	183.12	.....	.....	.....	.....
1984 diff. B 50/25; E 25 i.e.*	133.33	153.35	182.59	.....	.....	.....	.....
1984 diff. B 75/25; E 25 i.e.*	134.53	156.86	184.66	.....	.....	.....	.....
1984 diff. B 100/25; E 25 i.e.*	136.02	158.62	187.06	.....	.....	.....	.....
1985 elect. #25 E.I.	144.23	167.45	197.68	232.95	297.60	454.55	792.31
1985 diff. B 50/25; E 25 i.e.	143.67	166.87	197.14	232.24	296.24	451.40	785.21
1985 diff. B 75/25; E 25 i.e.	144.96	168.46	199.30	234.54	298.97	455.87	791.55
1985 diff. B 100/25; E 25 i.e.	146.48	170.31	201.82	237.23	302.17	461.08	798.94
1985 elect. #25 E.I.*	140.30	163.39	191.92	.....	.....	.....	.....
1985 diff. B 50/25; E 25 i.e.*	139.74	162.81	191.38	.....	.....	.....	.....
1985 diff. B 75/25; E 25 i.e.*	141.03	164.40	193.54	.....	.....	.....	.....
1985 diff. B 100/25; E 25 i.e.*	142.55	166.25	196.06	.....	.....	.....	.....

DESCRIPTION - Body & Ends of cans designated "elect. #25 E.I." are manufactured from tin plate coated with .25 lb. of tin per base box of metal and enameled inside. (Whenever .25 lb. is designated inside enamel is added). The nominal tin coating weight for each surface (inside/outside) is .125 lb. and may be expressed 0.125/0.125. The inside and outside of differential cans are coated with different amounts of tin. For an explanation of Tin Coating Weights see page preceding "CAN PRICES" in this Almanac.

The 60 lb. 2 CR body, designated by the asterisk (*) has reference to the weight of the steel in the body (lighter than conventional). E.I. means Body and Ends Enameled inside; B means body; E means ends; i.e. means inside enamel.

Base box - A unit of area of tin plate covering 51,360 square inches.

METAL CAN SHIPMENTS BY PRODUCT

Source: Can Manufacturers Institute
Millions of Cans*

	1978	1979	1980	1981	1982	1983	1984	1985
FOOD								
Fruits & Juices	4,841	4,885	4,531	4,163	3,788	3,651	3,389	3,115
Vegetables & Juices	10,396	10,787	9,796	9,331	9,087	8,303	8,702	8,364
Dairy Products	1,113	943	826	854	889	927	974	1,246
Meat, Incl. Poultry	1,713	1,589	1,462	1,327	1,411	1,492	1,508	1,423
Seafood	1,262	1,089	1,170	¹ 1,477	¹ 1,341	1,527	1,607	1,881
Shortening	245	241	184	218	246	247	186	109
Baby Food	698	787	867	834	895	902	915	936
Other Food (a)	6,478	6,065	5,934	5,607	5,724	5,689	6,168	6,111
Total Foods	26,746	26,386	24,770	23,811	23,381	22,738	23,449	23,185
BEVERAGES								
Coffee	682	679	654	674	653	632	644	615
Soft Drinks	25,468	25,711	25,741	25,425	26,205	28,321	31,290	34,563
Beer	28,905	28,731	29,498	30,901	31,729	33,135	34,354	35,614
Total Beverages	55,055	55,121	55,893	57,000	58,587	62,088	66,288	70,792
PET FOOD	2,918	2,968	2,889	3,663	3,593	3,571	4,020	4,069
NON-FOOD								
Aerosol	2,090	2,202	2,004	2,059	1,970	2,144	2,223	2,277
Motor Oil	587	546	452	n.a.	n.a.	n.a.	n.a.	n.a.
Paint & Varnish	838	873	803	813	795	817	840	830
Automotive Products .....	.....	.....	.....	601	257	229	199	168
Other NON/Food	1,535	1,248	1,136	863	738	807	762	603
Total Non-Food	5,050	4,869	4,395	4,336	3,760	3,997	4,024	3,878
Total Shipments	89,769	89,344	87,947	88,810	89,321	92,394	97,781	101,924
Total Steel	58,372	54,609	45,386	² 40,116	² 36,393	34,316	34,654	34,584
Total Aluminum	31,397	34,735	42,561	48,694	52,928	58,078	63,127	67,340
Total for Sale	62,916	62,854	60,768	² 59,433	² 59,375	61,907	66,405	69,810
Total for Own Use	26,853	26,490	27,179	² 29,377	29,946	30,487	31,376	32,114
Wgt of Aluminum cans (b) .	2,116	2,274	2,549	2,782	2,810	3,168	3,562	3,561

*1975 in billions. (a) Including soup. (b) Millions of pounds. n.a. Not available. ²Revised.

GLASS CONTAINER SHIPMENTS BY TYPE OF CONTAINER*

Source: Bureau of Census, U.S. Department of Commerce
(Thousands of gross)

Type of Container	1977	1978	1979 ³	1980 ³	1981 ³	1982 ³	1983 ³	1984	1985
All Types Total	307,187	319,687	322,777	326,132	322,845	308,846	293,103	289,950	272,821
Direct exports ¹	3,073	2,247	2,935	2,233	2,165	1,333	1,416	1,678	941
Domestic	304,114	317,440	319,842	323,899	320,680	307,513	291,687	288,272	271,880
Narrow Neck, Tot.	237,175	247,754	248,924	257,447	253,060	240,559	228,762	221,055	208,561
Food	23,869	27,563	26,686	28,075	28,728	27,658	28,270	26,170	23,770
Medicinal/health	15,143	14,509	13,159	12,956	12,536	12,393	9,665	10,140	8,710
Chem./Household/Indus. .	2,428	2,600	2,493	2,071	1,718	1,456	976	1,379	942
Toiletries/cosm.	11,024	10,106	9,592	9,245	8,489	7,906	6,506	6,566	5,302
Bev., returnable	7,155	6,388	6,033	4,571	4,138	3,729	3,383	2,100	1,553
Bev., nonreturn	60,311	55,015	48,962	53,277	56,110	57,291	59,234	59,475	58,532
Beer, returnable	3,502	2,309	2,657	1,869	1,570	1,899	2,475	3,473	1,870
Beer, nonreturn	89,255	104,180	115,039	120,809	115,768	105,962	94,625	87,323	81,907
Liquor	15,877	16,568	15,793	15,790	15,365	13,857	14,712	14,015	11,939
Wine	8,611	8,516	8,510	8,784	8,638	8,408	8,916	10,414	14,036
Wide Mouth, Total.	66,939	69,686	70,918	66,452	67,620	68,287	64,341	68,895	64,260
Food ²	61,723	65,062	66,517	61,212	62,404	63,372	60,108	64,302	59,935
Medicinal/health	2,473	2,093	1,924	3,084	3,274	3,097	2,995	3,150	2,715
Chem./Household/Indus. .	1,292	1,241	1,296	1,191	1,122	1,159	812	988	1,015
Toiletries/cosm.	1,451	1,290	1,181	965	820	659	426	455	595
Dairy products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)

*Thru 1981, shipments by type represent Domestic Container Shipments only. Beginning 1982 "Direct exports" are included in breakdown of domestic shipments by type. (²) Since 1976, data for dairy products are combined with Food. (³) Revised.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section VII

RAW PRODUCT STATISTICS

Source: Crop Reporting Board, Statistical Reporting Service, U.S.D.A.

In order to stay within the fiscal funding level the U.S. Department of Agriculture's Statistical Reporting Service reduced the number of fresh market and processing vegetable crop estimates beginning with the 1982 crop year. Fresh market estimates for artichokes, asparagus, snap beans, brussels sprouts, cabbage, cantaloupes, cucumbers, eggplant, escarole/endive, garlic, green peppers, watermelons and spinach were discontinued. Estimates for asparagus were resumed with the 1984 crop year.

Processing vegetable crop estimates were discontinued for lima beans, beets, cabbage for kraut, cucumbers for pickles, spinach and asparagus. Estimates for asparagus and cucumbers were resumed with the 1984 crop year.

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SNAP BEANS—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	42.6	43.0	50.7	45.6	46.4	38.9	35.6	33.8	32.8	33.4
New Jersey	(a)	(a)	9.0	6.8	6.4	7.4	9.3	6.2	8.0	8.3
Pennsylvania	5.3	5.0	4.8	4.7	5.9	5.5	6.2	4.5	4.9	4.5
Delaware	(a)	8.8	10.4	4.9	6.1	(a)	(a)	(a)	(a)	(a)
Maryland	4.6	6.8	6.3	8.6	4.9	3.9	2.6	(a)	(a)	(a)
EAST†	52.5	63.6	81.2	70.6	69.7	55.7	53.7	44.5	45.7	46.2
Virginia	3.5	3.0	4.3	4.0	2.9	1.8	(a)	(a)	(a)	(a)
North Carolina ..	1.3	1.4	1.5	4.0	2.8	2.2	1.5	(a)	(a)	1.7
Florida	(a)	10.5	12.0	13.5	7.3	1.5	2.0	.6	2.5	1.2
SOUTHEAST† ..	4.8	14.9	17.8	21.5	13.0	5.5	3.5	.6	2.5	2.9
Illinois	7.7	7.2	9.2	9.5	6.6	(a)	(a)	(a)	(a)	(a)
Indiana	(a)	(a)	3.6	2.7	2.4	1.6	1.1	1.9	2.8	3.2
Michigan	14.0	16.8	16.4	17.3	13.7	14.3	14.2	14.8	17.5	18.7
Wisconsin	69.5	67.2	68.0	79.3	78.8	70.2	64.5	72.4	77.6	85.8
MID-WEST† . . .	91.2	91.2	97.2	108.8	101.5	86.1	79.8	89.1	97.9	107.7
Arkansas	3.6	4.7	3.9	(a)	(a)	4.1	3.6	3.3	3.1	3.3
Tennessee	11.8	13.7	12.0	9.9	12.1	7.6	6.9	4.9	5.3	(a)
Oklahoma	2.3	2.2	.9	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	3.2	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
SO. CENTRAL† .	20.9	20.6	16.8	9.9	12.1	11.7	10.5	8.2	8.4	3.3
Colorado	1.5	1.7	1.4	1.5	.8	1.0	.5	.0	.0	.0
Washington	(a)	1.6	2.1	2.3	2.4	1.6	2.1	1.4	1.1	1.4
Oregon	29.3	32.5	35.6	38.4	31.1	27.4	25.7	22.4	23.9	23.2
California	4.8	6.0	7.4	7.3	4.5	(a)	(a)	(a)	(a)	(a)
WEST†	35.6	41.8	46.5	49.5	38.8	30.0	28.3	23.8	25.0	24.6
OTHER STS†	32.2	25.5	20.9	25.1	20.5	29.3	28.6	30.5	37.1	37.4
For Freezing	46.3	57.4	69.1	64.0	56.4	56.3	60.0	57.2	62.3	62.0
For Canning	190.8	200.2	211.3	221.5	199.3	162.0	144.5	139.5	154.3	160.1
PROCESSING ...	237.2	257.6	280.4	285.4	255.7	218.3	204.4	196.7	216.7	222.1
FRESH MKT	86.2	79.6	86.3	85.5	95.7	88.6	n.a.	n.a.	n.a.	n.a.
TOT. U.S.....	323.4	337.2	366.7	370.9	351.4	306.9	n.a.	n.a.	n.a.	n.a.

n.a.—Not available.
STS."

(a) Included in "Other States".

† Area totals do not include quantities in "OTHER

SNAP BEANS — YIELD PER ACRE — TONS (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	1.7	2.2	2.1	2.3	2.4	2.5	2.8	2.6	2.5	2.7
New Jersey	n.a.	n.a.	2.0	2.1	2.6	2.8	2.7	1.8	2.8	3.1
Pennsylvania	2.3	2.1	2.3	2.1	1.6	2.3	2.2	1.8	2.9	3.4
Delaware	n.a.	1.7	2.1	2.5	2.0	n.a.	n.a.	n.a.	n.a.	n.a.
Maryland	2.0	1.9	2.0	1.8	1.8	2.6	2.4	n.a.	n.a.	n.a.
Virginia	1.6	1.8	1.5	2.0	1.5	2.3	n.a.	n.a.	n.a.	n.a.
North Carolina ..	2.3	1.3	1.3	2.1	1.6	2.0	2.8	n.a.	n.a.	1.7
Florida	n.a.	2.0	2.0	2.4	1.9	2.0	1.5	1.5	1.5	1.5
Illinois	2.8	2.8	2.6	3.0	3.0	n.a.	n.a.	n.a.	n.a.	n.a.
Indiana	n.a.	n.a.	2.6	2.4	2.3	2.6	3.2	1.3	3.1	2.6
Michigan	2.2	2.5	2.1	2.1	2.8	2.5	2.6	2.8	2.8	2.6
Wisconsin	2.5	2.8	2.8	2.7	2.7	3.1	3.0	2.9	3.0	2.9
Arkansas	2.4	1.8	1.9	n.a.	n.a.	3.1	2.8	2.2	1.4	2.2
Tennessee	2.0	1.9	1.6	1.6	1.1	2.5	2.6	1.8	2.1	n.a.
Oklahoma	2.3	1.6	1.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	2.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	3.3	3.6	3.0	3.5	3.0	4.0	3.6	.0	.0	.0
Washington	n.a.	2.6	3.1	3.9	3.8	3.0	3.5	3.9	3.6	3.0
Oregon	4.7	4.3	4.3	4.5	5.2	5.3	5.2	5.5	5.4	5.4
California	2.4	2.6	2.2	1.9	2.7	n.a.	n.a.	n.a.	n.a.	n.a.
For Freezing	2.7	2.7	2.5	2.6	2.9	3.3	3.2	3.1	3.2	3.4
For Canning	2.5	2.6	2.6	2.7	2.7	3.0	3.1	2.9	3.0	3.1
US PROC AV	2.5	2.6	2.6	2.7	2.8	3.1	3.2	3.0	3.1	3.2

n.a. — not available.

SNAP BEANS — PRODUCTION — 1,000 TONS (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	70.3	96.1	107.9	106.3	113.2	96.1	100.4	88.2	82.7	91.2
New Jersey	(a)	(a)	17.8	14.4	16.9	20.5	24.7	11.3	22.5	26.0
Pennsylvania	12.1	10.4	11.0	9.9	9.2	12.4	13.4	7.9	14.1	15.4
Delaware	(a)	14.6	22.2	12.2	12.4	(a)	(a)	(a)	(a)	(a)
Maryland	9.0	12.9	12.6	15.7	8.6	10.1	6.3	(a)	(a)	(a)
EAST†	91.4	133.9	171.4	158.4	160.3	139.0	144.8	107.4	119.3	132.6
Virginia	5.6	5.5	6.6	7.8	4.4	4.2	(a)	(a)	(a)	(a)
North Carolina ..	3.0	1.9	2.0	8.3	4.5	4.4	4.1	(a)	(a)	2.8
Florida	(a)	21.0	24.0	32.9	14.1	3.0	3.0	.9	3.8	1.8
SOUTHEAST† ..	8.6	28.3	32.6	49.1	23.0	11.6	7.1	.9	3.8	4.6
Illinois	21.4	20.2	24.0	28.4	20.1	(a)	(a)	(a)	(a)	(a)
Indiana	(a)	(a)	9.4	6.5	5.5	4.2	3.5	2.4	8.6	8.2
Michigan	30.4	41.3	34.5	36.0	38.4	36.2	36.6	41.4	49.0	48.6
Wisconsin	170.3	185.5	188.4	212.5	211.2	214.1	190.3	210.7	235.1	248.8
MID-WEST† . . .	222.1	246.9	256.2	283.4	275.1	254.5	230.5	254.5	292.8	305.6
Arkansas	8.8	8.5	7.4	(a)	(a)	12.6	10.0	7.3	4.4	7.2
Tennessee	23.4	26.1	19.3	15.9	12.7	19.3	17.9	8.9	11.3	(a)
Oklahoma	5.3	3.6	1.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	8.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
SO. CENTRAL† .	45.8	38.2	28.0	15.9	12.7	31.9	27.9	16.3	15.7	7.2
Colorado	4.9	6.1	4.2	5.3	2.3	4.0	1.9	.0	.0	.0
Washington	(a)	4.1	6.5	9.1	9.1	4.9	7.4	5.5	3.7	4.2
Oregon	136.3	140.2	152.1	172.4	160.5	144.4	133.4	123.7	128.3	124.8
California	11.3	15.7	16.1	13.9	12.1	(a)	(a)	(a)	(a)	(a)
WEST†	152.5	166.1	178.9	200.7	183.9	153.3	142.7	129.2	132.0	129.0
OTHER STS	70.7	62.2	49.6	61.5	49.1	81.9	90.8	79.2	102.6	123.0
For Freezing	124.1	156.6	173.6	167.4	160.6	184.5	193.8	178.5	201.6	212.8
For Canning	466.6	518.9	543.1	601.7	543.6	487.7	450.1	409.0	464.5	489.2
PROCESSING ...	590.7	675.5	716.6	769.1	704.2	672.2	643.9	587.4	666.1	702.0
FRESH MKT	159.2	148.2	146.1	146.4	152.2	146.3	n.a.	n.a.	n.a.	n.a.
TOTAL U.S.	749.9	823.7	862.7	915.5	856.4	818.4	n.a.	n.a.	n.a.	n.a.

†Area totals do not include quantities in "OTHER STATES".

(a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING — Cont.

SNAP BEANS — VALUE PER TON — DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	138.00	149.00	150.00	161.00	169.00	185.00	178.00	178.00	181.00	184.00
New Jersey	n.a.	n.a.	149.00	172.00	191.00	205.00	202.00	200.00	202.00	206.00
Pennsylvania	145.00	162.00	157.00	167.00	175.00	191.00	201.00	198.00	200.00	207.00
Delaware	n.a.	168.00	164.00	169.00	159.00	n.a.	n.a.	n.a.	n.a.	n.a.
Maryland	151.00	171.00	174.00	169.00	169.00	191.00	217.00	n.a.	n.a.	n.a.
Virginia	151.00	179.00	158.00	167.00	179.00	183.00	n.a.	n.a.	n.a.	n.a.
North Carolina ..	177.00	154.00	153.00	161.00	179.00	187.00	190.00	n.a.	n.a.	234.00
Florida	n.a.	184.00	165.00	148.00	198.00	230.00	200.00	200.00	360.00	300.00
Illinois	132.00	142.00	146.00	139.00	152.00	n.a.	n.a.	n.a.	n.a.	n.a.
Indiana	n.a.	n.a.	162.00	182.00	144.00	140.00	129.00	177.00	190.00	175.00
Michigan	122.00	125.00	148.00	162.00	156.00	160.00	145.00	144.00	136.00	158.00
Wisconsin	134.00	128.00	132.00	137.00	134.00	146.00	137.00	140.00	152.00	152.00
Arkansas	148.00	120.00	103.00	n.a.	n.a.	164.00	165.00	186.00	176.00	174.00
Tennessee	156.00	166.00	175.00	183.00	211.00	211.00	204.00	200.00	204.00	n.a.
Oklahoma	114.00	95.60	94.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	155.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	133.00	126.00	128.00	126.00	142.00	152.00	142.00	0.00	0.00	0.00
Washington	n.a.	136.00	141.00	159.00	163.00	171.00	166.00	147.00	223.00	165.00
Oregon	133.00	152.00	142.00	153.00	155.00	158.00	169.00	159.00	176.00	175.00
California	199.00	186.00	212.00	206.00	237.00	n.a.	n.a.	n.a.	n.a.	n.a.
For Freezing	140.60	154.00	152.00	163.00	169.00	176.00	184.00	178.00	194.00	190.00
For Canning	138.10	143.00	144.00	150.00	152.00	162.00	158.00	153.00	161.00	160.00
US PROC AV	138.60	145.00	146.00	153.00	156.00	166.00	166.00	160.00	171.00	169.00

n.a. — not available.

SNAP BEANS — TOTAL VALUE — 1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	9,701	14,320	16,178	17,106	19,134	17,775	17,869	15,703	14,961	16,777
New Jersey	(a)	(a)	2,652	2,480	3,228	4,203	4,997	2,256	4,541	5,352
Pennsylvania	1,747	1,681	1,722	1,657	1,601	2,365	2,691	1,568	2,822	3,196
Delaware	(a)	2,444	3,633	2,062	1,972	(a)	(a)	(a)	(a)	(a)
Maryland	1,359	2,206	2,192	2,645	1,457	1,921	1,371	(a)	(a)	(a)
EAST†	12,807	20,651	26,377	25,950	27,392	26,264	26,928	19,527	22,324	25,325
Virginia	838	975	1,043	1,303	789	770	(a)	(a)	(a)	(a)
North Carolina ..	522	285	306	1,340	809	823	785	(a)	(a)	658
Florida	(a)	3,864	3,960	4,875	2,790	690	600	180	1,125	540
SOUTHEAST† ..	1,360	5,124	5,309	7,518	4,388	2,283	1,385	180	1,125	1,198
Illinois	2,825	2,861	3,504	3,949	3,049	(a)	(a)	(a)	(a)	(a)
Indiana	(a)	(a)	1,515	1,188	798	589	455	421	1,638	1,428
Michigan	3,709	5,163	5,099	5,829	5,984	5,789	5,313	5,967	6,664	7,682
Wisconsin	22,814	23,738	24,862	29,115	28,298	31,260	26,068	29,495	35,740	37,821
MID-WEST†	29,348	31,762	34,980	40,081	38,129	37,638	31,836	35,883	44,042	46,931
Arkansas	1,295	1,014	757	(a)	(a)	2,071	1,667	1,363	769	1,251
Tennessee	3,643	4,340	3,378	2,917	2,682	4,072	3,645	1,734	2,313	(a)
Oklahoma	604	344	122	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	1,279	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
S. CENTRAL† ...	6,821	5,698	4,257	2,917	2,682	6,143	5,302	3,147	3,082	1,251
Colorado	652	762	538	668	331	608	273	0	0	0
Washington	(a)	558	917	1,441	1,478	829	1,227	811	823	693
Oregon	18,121	21,310	21,570	26,380	24,874	22,815	22,541	19,660	22,588	21,844
California	2,250	2,925	3,398	2,872	2,858	(a)	(a)	(a)	(a)	(a)
WEST†	21,023	25,555	26,423	31,361	29,541	24,252	24,041	20,471	23,411	22,537
OTHER STS	10,536	9,380	7,284	10,042	7,902	14,814	17,118	15,044	19,951	21,598
For Freezing	17,443	24,054	26,299	27,360	27,214	32,559	35,700	31,699	39,164	40,355
For Canning	64,452	74,116	78,331	90,509	82,820	78,835	70,910	62,553	74,771	78,485
T. US PROC	81,895	98,170	104,630	117,869	110,034	111,394	106,610	94,252	113,935	118,840

†Area totals do not include values in "OTHER STATES". (a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

SWEET CORN—HARVESTED ACREAGE—1,000 ACRES

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	21.0	17.0	20.3	20.5	17.0	21.1	24.6	25.5	28.3	29.7
Pennsylvania	5.1	5.0	4.4	3.9	4.0	4.1	4.5	3.7	3.6	4.1
Delaware	1.8	(a)	2.3	3.1	2.4	3.0	3.9	4.0	5.0	4.6
Maryland	13.7	12.9	11.5	10.3	8.6	8.1	8.6	8.9	8.3	9.0
EAST†	41.6	34.9	38.5	37.8	32.0	36.3	41.6	42.1	45.2	47.4
Illinois	52.6	45.9	48.4	44.0	37.8	38.3	38.4	34.5	36.5	36.2
Wisconsin	129.7	130.7	110.8	121.4	106.1	113.4	122.2	117.9	129.0	131.4
Minnesota	116.5	120.0	111.5	98.3	101.2	105.2	119.3	108.4	115.0	118.3
Iowa	10.4	9.2	6.7	5.0	3.1	3.9	(a)	(a)	(a)	(a)
MIDWEST†	309.2	305.8	277.4	268.7	248.2	260.8	279.9	260.8	280.5	285.9
Idaho	23.6	24.5	23.8	23.8	17.8	19.3	5	14.1	17.4	17.3
Washington	36.1	36.8	40.7	40.5	36.7	41.8	1.7	38.3	32.9	38.9
Oregon	39.9	40.9	40.2	37.8	33.7	39.9	45.5	38.8	42.0	38.6
WEST†	99.6	102.2	104.7	102.1	88.2	101.0	118.7	91.2	92.3	94.8
OTHER STS	10.6	11.1	9.0	9.0	7.0	2.9	6.7	5.7	9.2	7.2
For Freezing ...	121.1	132.6	131.4	119.7	112.5	126.9	156.6	133.4	143.4	162.3
For Canning ...	339.9	321.4	298.2	297.9	262.9	274.1	290.3	266.4	283.9	273.0
PROCESSING ...	461.0	454.0	429.6	417.6	375.4	401.0	446.9	399.8	427.2	435.3
FRESH MKT ...	184.1	176.8	181.1	179.8	180.5	183.7	186.1	190.8	193.0	189.0
TOT. U.S.	645.1	630.8	610.7	597.4	555.9	584.7	633.0	590.6	620.2	624.3

† Area totals do not include quantities in "OTHER STATES". (a) Included in "OTHER STATES".
n.a. Not available.

SWEET CORN—YIELD PER ACRE—TONS IN HUSK

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	3.94	5.68	4.90	5.23	5.05	4.66	5.27	5.21	5.58	4.09
Pennsylvania	3.42	3.34	3.84	2.91	3.54	3.21	3.61	2.48	4.66	3.97
Delaware	3.61	(a)	4.56	5.17	4.90	3.14	5.28	4.58	5.71	5.73
Maryland	3.65	3.53	4.34	4.61	4.20	4.17	4.61	3.59	5.86	6.04
Illinois	4.64	4.91	5.10	5.72	4.26	5.51	4.88	4.19	5.32	5.71
Wisconsin	4.19	4.56	4.55	4.73	4.84	5.24	4.60	4.82	4.95	5.09
Minnesota	4.32	5.40	5.75	5.72	5.42	5.45	5.73	4.60	5.82	5.77
Iowa	3.99	5.04	5.37	5.40	5.83	5.67	(a)	(a)	(a)	(a)
Idaho	6.90	5.77	6.63	7.95	8.19	7.75	8.71	8.32	8.17	8.53
Washington	6.26	6.05	7.71	7.77	8.31	7.96	9.08	9.12	7.47	8.40
Oregon	7.84	7.38	7.96	8.53	8.68	8.11	9.01	8.55	8.70	9.19
Other States ...	3.97	3.26	4.23	4.24	3.67	5.82	5.16	4.37	4.88	4.77
For Freezing ..	5.60	6.00	6.55	6.95	6.84	6.56	7.20	6.75	6.76	6.84
For Canning ...	4.58	4.92	5.28	5.48	5.28	5.64	5.56	4.98	5.58	5.60
U.S. PROC. AV ..	4.84	5.23	5.67	5.90	5.76	5.93	6.13	5.57	5.97	6.06

(a) Included in "Other States".

SWEET CORN—PRODUCTION—1,000 TONS IN HUSK

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	82.8	96.5	99.5	109.3	85.9	98.3	129.6	132.9	157.9	121.5
Pennsylvania	17.5	16.7	16.9	11.4	14.2	13.2	16.3	9.2	16.8	16.3
Delaware	6.5	(a)	10.5	16.0	11.8	9.4	20.6	18.3	28.6	26.4
Maryland	50.0	45.6	49.9	47.5	36.2	33.8	39.7	32.0	48.6	54.4
EAST†	156.8	158.8	176.8	84.1	147.9	154.7	206.1	192.4	251.9	218.5
Illinois	244.3	225.4	246.9	251.7	161.0	211.0	187.4	144.6	194.2	206.7
Wisconsin	543.9	596.0	504.2	574.2	513.5	594.2	562.1	568.3	638.6	668.8
Minnesota	503.2	648.0	641.1	562.3	548.5	573.3	683.6	498.6	669.3	682.6
Iowa	41.5	46.4	36.0	27.0	18.1	22.1	(a)	(a)	(a)	(a)
MID-WEST†	1,332.8	1,515.8	1,428.1	1,415.2	1,241.1	1,400.7	1,433.1	1,211.5	1,502.0	1,558.1
Idaho	162.9	141.3	157.9	189.2	145.8	149.6	187.3	117.3	142.2	147.6
Washington	226.0	222.7	313.8	314.7	305.0	332.7	469.4	349.3	245.8	326.8
Oregon	312.8	301.7	320.0	322.4	292.5	323.6	410.0	331.7	365.4	354.7
WEST†	701.7	665.7	791.7	826.3	743.3	805.9	1,066.7	798.4	753.3	829.1
OTHER STS†	42.1	36.1	38.1	38.3	25.7	16.9	34.6	24.9	44.9	34.4
For Freezing ..	677.7	796.0	860.2	832.4	769.4	832.0	1,126.9	900.7	969.7	1,110.7
For Canning...	1,555.4	1,580.3	1,574.6	1,631.5	1,388.6	1,546.2	1,613.5	1,326.3	1,582.5	1,529.3
PROCESSING ...	2,233.1	2,376.2	2,434.7	2,463.9	2,158.0	2,378.2	2,740.5	2,227.1	2,552.2	2,640.0
FRESH MKT ...	746.1	717.2	703.1	701.7	714.1	714.4	721.8	743.4	779.5	787.3
TOT. U.S.	2,979.2	3,093.4	3,137.8	3,165.6	2,872.1	3,092.6	3,462.2	2,970.5	3,331.6	3,427.3

SWEET CORN—VALUE PER TON—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	45.40	45.70	45.00	47.00	48.90	62.10	64.80	66.10	62.40	63.70
Pennsylvania	50.50	49.40	42.80	43.30	49.10	66.10	58.00	52.20	64.40	52.10
Delaware	51.00	(a)	75.50	67.30	85.40	79.50	58.00	65.20	79.80	71.20
Maryland	52.80	57.90	61.30	57.00	67.60	76.50	57.20	65.90	80.00	65.80
Illinois	50.50	52.80	51.00	51.90	63.50	76.60	68.10	66.30	69.90	67.10
Wisconsin	40.20	42.30	41.40	40.50	44.70	60.10	50.50	56.40	57.30	60.30
Minnesota	43.80	46.00	45.40	46.70	50.00	57.30	56.30	52.90	61.40	59.50
Iowa	48.20	45.80	45.90	48.50	50.60	47.80	(a)	(a)	(a)	(a)
Idaho	51.20	48.70	55.50	52.90	54.70	64.50	64.00	61.70	62.10	62.50
Washington	59.50	56.80	59.10	66.50	60.30	64.60	70.60	60.70	68.00	68.70
Oregon	57.30	64.40	58.60	62.70	62.30	67.00	70.50	68.50	71.10	69.70
Other States	51.10	55.70	55.70	51.90	53.60	66.90	49.10	60.00	58.90	59.60
For Freezing ..	54.70	56.80	55.40	59.50	57.10	62.90	67.40	62.10	66.60	66.70
For Canning...	45.40	46.00	46.80	47.10	51.80	63.20	57.10	58.30	61.90	61.00
US PROC AV	48.20	49.60	49.90	51.30	53.70	63.10	61.40	59.80	63.70	63.40

†Area totals do not include quantities in "OTHER STATES". (a) Included in "OTHER STATES".

SWEET CORN—TOTAL VALUE—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	3,757	4,408	4,478	5,135	4,198	6,106	8,401	8,782	9,854	7,738
Pennsylvania	882	825	723	491	695	870	943	479	1,081	848
Delaware	332	(a)	793	1,079	1,005	749	1,194	1,194	2,278	1,877
Maryland	2,640	2,637	3,059	2,706	2,144	2,584	2,268	2,106	3,891	3,577
EAST†	7,611	7,870	9,053	9,411	8,342	10,309	12,806	12,561	17,104	14,040
Illinois	12,335	11,898	12,589	13,062	10,225	16,165	12,761	9,584	13,573	13,870
Wisconsin	21,863	25,211	20,872	23,256	22,954	35,713	28,387	32,051	36,589	40,330
Minnesota	22,040	29,808	29,106	26,258	27,425	32,852	38,486	26,378	41,095	40,614
Iowa	1,998	2,125	1,652	1,310	914	1,057	(a)	(a)	(a)	(a)
MID-WEST†	58,236	69,042	64,219	63,886	61,518	85,787	79,634	68,013	91,257	94,814
Idaho	8,338	6,882	8,763	10,009	7,974	9,648	11,985	7,238	8,828	9,223
Washington	13,447	12,647	18,546	20,927	18,390	21,494	33,142	21,203	16,712	22,448
Oregon	17,921	19,429	18,740	20,216	18,224	21,681	28,902	22,724	25,980	24,725
WEST†	39,706	38,958	46,049	51,152	44,588	52,823	74,029	51,165	51,520	56,396
OTHER STS†	2,150	2,009	2,124	1,990	1,378	1,129	1,696	1,494	2,649	2,047
For Freezing ..	37,084	45,225	47,692	49,518	43,941	52,355	75,961	55,939	64,552	74,028
For Canning...	70,619	72,654	73,753	76,921	71,885	97,693	92,204	77,294	97,978	93,269
T. US PROC	107,703	117,879	121,445	126,439	115,826	150,048	168,165	133,233	162,530	167,297

†Area totals do not include values in "OTHER STATES". (a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

CUCUMBERS FOR PICKLES—HARVESTED ACREAGE—1,000 ACRES

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Indiana	1.4	1.4	1.0	.9	.9	.7	n.a.	n.a.	.8	1.1
Michigan	25.5	24.5	26.5	25.5	18.9	15.5	n.a.	n.a.	21.3	24.0
New Jersey	1.8	1.4	1.6	1.4	1.4	1.1	n.a.	n.a.	1.1	.7
Ohio	6.2	6.4	6.4	6.4	6.1	5.2	n.a.	n.a.	4.8	4.8
Wisconsin	10.1	9.4	11.1	10.3	9.5	7.1	n.a.	n.a.	7.8	6.7
NORTHERN† ...	45.0	43.1	46.6	44.5	36.8	29.6	n.a.	n.a.	35.8	37.3
Alabama	4.3	3.8	5.6	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)
Florida	(a)	5.7	6.2	6.3	7.2	5.0	n.a.	n.a.	4.7	4.8
Delaware	(a)	1.4	1.2	1.8	1.6	1.7	n.a.	n.a.	1.5	1.5
Maryland	3.6	2.8	2.9	2.9	3.0	2.5	n.a.	n.a.	3.5	3.9
Mississippi	5.0	3.6	(a)	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)
N. Carolina	27.7	28.0	29.5	28.5	25.8	25.5	n.a.	n.a.	26.1	29.1
S. Carolina	7.7	8.7	9.7	10.9	8.2	10.4	n.a.	n.a.	9.3	13.6
Texas	6.0	5.4	7.0	8.3	9.4	4.8	n.a.	n.a.	6.8	6.1
Virginia	2.7	2.8	3.6	2.3	3.2	1.8	n.a.	n.a.	(a)	(a)
SOUTHERN† ...	57.0	62.2	65.7	61.0	58.4	51.7	n.a.	n.a.	51.9	59.0
California	4.8	4.3	3.9	4.4	3.6	3.4	n.a.	n.a.	3.3	4.1
Colorado	2.4	1.6	2.2	2.2	2.6	1.8	n.a.	n.a.	2.2	2.6
Oregon	(a)	1.3	1.5	1.5	1.6	1.4	n.a.	n.a.	2.0	2.1
Washington	1.7	1.8	1.8	1.3	1.4	1.5	n.a.	n.a.	1.5	1.7
WESTERN†	8.9	9.0	9.4	9.4	9.2	8.1	n.a.	n.a.	9.0	10.5
OTHER STATES	17.5	9.5	13.1	16.7	12.0	8.2	n.a.	n.a.	6.9	8.4
PROCESSING ...	128.4	123.8	134.7	131.7	116.4	97.5	n.a.	n.a.	103.6	115.2
FRESH MKT	49.1	51.9	53.5	50.7	54.2	51.4	n.a.	n.a.	n.a.	n.a.
TOTAL U.S.	177.5	175.7	188.3	182.4	170.6	148.9	n.a.	n.a.	n.a.	n.a.

(a) Included in "OTHER STATES".
Not available.

† Area totals do not include quantities in "OTHER STATES".

n.a.—

CUCUMBERS FOR PICKLES—YIELD PER ACRE—TONS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Indiana	8.20	6.96	9.68	7.03	7.29	10.26	n.a.	n.a.	11.29	11.71
Michigan	4.05	4.65	4.75	4.62	5.56	6.50	n.a.	n.a.	5.50	5.60
New Jersey	8.58	9.43	9.19	6.86	8.00	9.51	n.a.	n.a.	9.45	11.01
Ohio	10.81	11.12	10.58	12.53	10.25	12.24	n.a.	n.a.	11.73	12.60
Wisconsin	4.41	6.23	5.50	6.21	5.65	6.74	n.a.	n.a.	7.87	9.25
Alabama	4.60	1.75	1.33	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Florida	n.a.	4.25	4.26	4.50	4.00	4.00	n.a.	n.a.	4.50	5.00
Delaware	n.a.	4.61	7.58	4.27	4.50	4.41	n.a.	n.a.	4.77	4.35
Maryland	5.50	6.95	6.81	9.32	8.75	11.37	n.a.	n.a.	7.51	7.27
Mississippi	2.40	1.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
N. Carolina	2.82	2.60	2.62	2.81	3.43	3.20	n.a.	n.a.	3.30	3.41
S. Carolina	2.47	2.87	3.06	2.46	2.75	2.65	n.a.	n.a.	3.80	3.57
Texas	6.31	7.15	7.94	4.42	4.36	4.96	n.a.	n.a.	6.00	6.15
Virginia	5.15	3.07	5.61	4.89	3.25	3.37	n.a.	n.a.	n.a.	n.a.
California	14.80	14.37	15.80	15.64	14.60	18.59	n.a.	n.a.	17.10	17.92
Colorado	9.19	10.78	7.95	8.34	8.85	9.00	n.a.	n.a.	8.58	7.33
Oregon	n.a.	10.12	11.77	11.55	11.77	15.40	n.a.	n.a.	12.50	12.15
Washington	10.85	10.08	10.03	10.62	9.84	10.15	n.a.	n.a.	11.18	9.88
U.S. PROC. AV ..	4.94	5.04	5.09	5.08	5.23	5.90	n.a.	n.a.	5.97	6.03

n.a.—Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

CUCUMBERS FOR PICKLES—PRODUCTION—1,000 TONS (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Indiana	11.5	9.8	9.2	6.6	6.9	6.8	n.a.	n.a.	8.8	12.9
Michigan	103.3	114.0	126.0	117.8	105.1	100.8	n.a.	n.a.	117.2	134.4
New Jersey	15.5	13.2	14.7	9.6	11.2	10.5	n.a.	n.a.	10.4	7.3
Ohio	67.0	71.2	67.7	80.2	62.5	63.7	n.a.	n.a.	56.3	60.5
Wisconsin	44.5	58.6	61.1	64.0	53.7	47.9	n.a.	n.a.	61.4	62.0
NORTHERN	241.8	266.8	278.7	278.2	239.3	229.5	n.a.	n.a.	254.1	277.0
Alabama	19.8	6.7	7.5	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)
Florida	(a)	24.3	26.4	28.4	28.8	20.0	n.a.	n.a.	21.2	24.0
Delaware	(a)	6.5	9.1	7.7	7.2	7.5	n.a.	n.a.	7.2	6.5
Maryland	19.8	19.5	19.8	27.0	26.3	28.4	n.a.	n.a.	26.3	28.4
Mississippi	12.0	6.1	(a)	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)
N. Carolina	78.1	72.9	77.3	80.1	88.5	81.6	n.a.	n.a.	86.1	99.2
S. Carolina	19.1	25.0	29.7	26.8	22.6	27.6	n.a.	n.a.	35.3	48.6
Texas	37.9	38.6	55.6	36.7	41.0	23.8	n.a.	n.a.	40.8	37.5
Virginia	13.9	8.6	20.2	11.3	10.4	6.1	n.a.	n.a.	(a)	(a)
SOUTHERN	200.5	208.0	245.5	217.9	224.7	195.0	n.a.	n.a.	216.9	244.2
California	71.1	61.8	61.6	68.8	52.6	63.2	n.a.	n.a.	56.4	73.5
Colorado	22.1	17.3	17.5	18.4	23.0	16.2	n.a.	n.a.	18.9	19.1
Oregon	(a)	13.2	17.7	17.3	18.8	21.6	n.a.	n.a.	25.0	25.5
Washington	18.5	18.2	18.1	13.8	13.8	15.2	n.a.	n.a.	16.8	16.8
WESTERN	111.6	110.4	114.8	118.3	108.2	116.2	n.a.	n.a.	117.1	134.9
OTHER STATES	80.0	38.9	46.5	54.6	37.0	34.7	n.a.	n.a.	30.2	38.4
PROCESSING ...	633.8	623.9	685.5	669.0	609.2	575.4	n.a.	n.a.	618.2	694.4
FRESH MKT	255.5	282.4	296.6	296.1	307.2	301.9	n.a.	n.a.	n.a.	n.a.
TOT. U.S.	889.3	906.3	982.1	965.1	916.3	877.2	n.a.	n.a.	n.a.	n.a.

(a) Included in "OTHER STATES". n.a. - Not available.

CUCUMBERS FOR PICKLES—VALUE PER TON—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Indiana	104.00	108.00	142.00	126.00	119.00	121.00	n.a.	n.a.	130.00	131.00
Michigan	112.00	109.00	120.00	132.00	125.00	135.00	n.a.	n.a.	147.00	153.00
New Jersey	135.00	132.00	157.00	154.00	167.00	165.00	n.a.	n.a.	206.00	204.00
Ohio	145.00	132.00	132.00	150.00	168.00	189.00	n.a.	n.a.	185.00	197.00
Wisconsin	117.00	127.00	106.00	146.00	170.00	142.00	n.a.	n.a.	105.00	125.00
Alabama	118.00	163.00	114.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Florida	n.a.	174.00	183.00	197.00	364.00	294.00	n.a.	n.a.	301.00	275.00
Delaware	n.a.	102.00	107.00	128.00	147.00	156.00	n.a.	n.a.	137.00	144.00
Maryland	113.00	112.00	117.00	113.00	138.00	162.00	n.a.	n.a.	147.00	143.00
Mississippi	111.00	143.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
N. Carolina	139.00	132.00	128.00	156.00	174.00	195.00	n.a.	n.a.	171.00	198.00
S. Carolina	135.00	141.00	156.00	158.00	176.00	182.00	n.a.	n.a.	196.00	191.00
Texas	129.00	139.00	130.00	173.00	186.00	248.00	n.a.	n.a.	156.00	228.00
Virginia	124.00	119.00	123.00	120.00	125.00	143.00	n.a.	n.a.	n.a.	n.a.
California	126.00	120.00	137.00	147.00	165.00	199.00	n.a.	n.a.	232.00	189.00
Colorado	78.50	108.00	131.00	105.00	149.00	130.00	n.a.	n.a.	131.00	133.00
Oregon	n.a.	126.00	136.00	137.00	144.00	157.00	n.a.	n.a.	155.00	170.00
Washington	128.00	126.00	133.00	135.00	145.00	159.00	n.a.	n.a.	162.00	185.00
U.S. PROC. AV ..	126.00	126.00	130.00	145.00	166.00	175.00	n.a.	n.a.	168.00	178.00

n.a.—Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.
CUCUMBERS FOR PICKLES—TOTAL VALUE—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Indiana	1,196	1,053	1,306	833	815	819	n.a.	n.a.	1,145	1,687
Michigan	11,570	12,426	15,120	15,551	13,135	13,601	n.a.	n.a.	17,221	21,235
New Jersey	2,086	1,742	2,308	1,478	1,870	1,726	n.a.	n.a.	2,142	1,483
Ohio	9,715	9,398	8,936	12,030	10,505	12,030	n.a.	n.a.	10,416	11,915
Wisconsin	5,207	7,436	6,471	9,340	9,126	6,795	n.a.	n.a.	6,446	7,748
NORTHERN† ...	29,774	32,055	34,141	39,232	35,451	34,971	n.a.	n.a.	37,370	44,068
Alabama	2,350	1,084	849	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)
Florida	(a)	4,210	4,831	5,585	10,483	5,880	n.a.	n.a.	6,366	6,600
Delaware	(a)	658	974	984	1,058	1,170	n.a.	n.a.	981	940
Maryland	2,237	2,178	2,311	3,054	3,623	4,606	n.a.	n.a.	3,865	4,054
Mississippi	1,332	872	(a)	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)
N. Carolina	10,856	9,623	9,894	12,494	15,397	15,912	n.a.	n.a.	14,728	19,648
S. Carolina	2,581	3,510	4,615	4,236	3,969	5,016	n.a.	n.a.	6,927	9,273
Texas	4,883	5,382	7,228	6,347	7,622	5,905	n.a.	n.a.	6,365	8,555
Virginia	1,729	1,023	2,485	1,350	1,300	868	n.a.	n.a.	(a)	(a)
SOUTHERN† ...	25,968	28,540	33,187	34,050	43,452	39,357	n.a.	n.a.	39,232	49,070
California	8,958	7,425	8,439	10,117	8,672	12,579	n.a.	n.a.	13,092	13,886
Colorado	1,731	1,863	2,293	1,927	3,428	2,106	n.a.	n.a.	2,473	2,535
Oregon	(a)	1,657	2,400	2,374	2,712	3,385	n.a.	n.a.	3,875	4,338
Washington	2,362	2,287	2,401	1,863	1,998	2,422	n.a.	n.a.	2,717	3,108
WESTERN†	13,051	13,232	15,533	16,281	16,810	20,492	n.a.	n.a.	22,157	23,867
OTHER STATES	10,958	4,824	5,953	7,623	5,551	5,809	n.a.	n.a.	5,064	6,634
PROCESSING ...	79,751	78,651	88,814	97,186	101,264	100,629	n.a.	n.a.	103,823	123,639

(a)—Included in "OTHER STATES"

†Area totals do not include quantities in "OTHER STATES".

PEAS, GREEN—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Delaware	9.0	8.7	8.5	10.0	5.8	7.8	7.9	9.4	11.5	12.4
Maryland	6.3	5.4	6.0	7.6	4.0	4.2	3.1	2.9	2.5	1.9
New York	4.1	5.2	5.7	6.2	6.0	7.8	8.8	9.2	9.2	12.0
EAST†	19.4	19.3	20.2	23.8	15.8	19.8	19.8	21.5	23.2	26.3
Michigan	(a)	4.9	4.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Minnesota	72.3	65.6	67.9	73.0	66.3	56.8	60.8	64.2	74.2	81.5
Wisconsin	117.2	107.5	97.0	109.6	101.1	84.2	79.1	81.0	86.2	98.1
MID-WEST†	189.5	178.0	169.2	182.6	167.4	141.0	139.9	145.2	160.4	179.6
California	8.0	7.1	9.2	10.3	5.9	(a)	(a)	(a)	(a)	(a)
Colorado	.4	.4	.3	.4	.....	.....	.....	.....	.....	.....
Idaho	16.5	7.5	8.0	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Oregon	35.9	27.7	36.9	42.0	32.6	32.3	33.7	34.4	33.6	35.4
Washington	74.6	69.0	75.0	81.1	57.8	59.6	67.7	65.6	64.4	61.5
WEST†	135.4	111.7	129.4	133.8	96.3	91.9	101.4	100.0	98.0	96.9
OTHER STATES	48.7	41.5	36.7	52.1	42.2	40.4	42.7	42.1	48.9	50.8
For Freezing ..	131.4	129.6	138.6	155.4	118.2	119.1	152.6	150.5	158.9	171.2
For Canning ...	261.7	220.9	216.9	236.9	203.5	174.0	151.3	158.3	171.6	182.4
T. U.S. PROC	393.0	350.5	355.5	392.3	321.7	293.1	303.8	308.8	330.5	353.6

(a) Included in "OTHER STATES".

†Area totals do not include quantities in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Continued

PEAS, GREEN—YIELD PER ACRE—POUNDS SHELLLED

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Delaware	2,640	2,740	2,500	2,640	3,060	3,200	3,460	2,940	2,800	3,580
Maryland	2,580	2,840	2,960	3,400	3,100	3,560	3,440	2,340	3,260	4,240
New York	2,860	2,760	2,840	3,360	3,360	3,700	3,400	3,000	3,280	4,680
Michigan	n.a.	2,740	2,460	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Minnesota	2,260	3,060	2,440	3,060	2,360	3,080	3,200	2,500	2,760	3,160
Wisconsin	2,040	2,720	2,240	3,240	3,040	2,980	3,740	2,720	2,960	3,280
California	2,780	3,260	2,180	3,920	3,320	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	2,360	2,620	2,900	2,640	.....	.....	.....	.....	.....	.....
Idaho	2,380	1,540	3,960	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Oregon	2,560	1,660	2,460	2,140	3,320	2,740	2,180	2,340	2,960	2,440
Washington	3,460	3,080	3,160	3,440	3,300	2,960	3,200	2,980	3,400	3,200
For Freezing ..	3,020	2,960	2,980	3,160	3,100	3,100	3,020	2,720	3,100	3,300
For Canning...	2,420	2,700	2,340	3,120	2,960	3,120	3,520	2,800	2,900	3,240
U.S. PROC. AV. .	2,620	2,800	2,600	3,120	3,020	3,100	3,260	2,760	3,000	3,260

n.a.—Not available.

PEAS, GREEN—PRODUCTION—1,000 TONS SHELLLED

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Delaware	11.9	12.0	10.7	13.2	8.9	12.5	13.7	13.8	16.1	22.2
Maryland	8.1	7.7	8.9	12.9	6.2	7.5	5.3	3.4	4.1	4.0
New York	5.9	7.2	8.1	10.4	10.1	14.4	15.0	13.8	15.1	28.1
EAST†	25.9	26.9	27.6	36.5	25.2	34.4	34.0	31.0	35.3	54.3
Michigan	(a)	6.7	5.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Minnesota	82.0	100.4	82.9	111.7	78.2	87.5	97.3	80.3	102.4	128.8
Wisconsin	119.6	146.2	108.7	177.6	153.7	125.5	147.9	110.2	127.6	160.9
MID-WEST†	201.6	253.3	196.8	289.2	231.9	212.9	245.2	190.4	230.0	289.7
California	11.2	11.6	10.1	20.2	9.8	(a)	(a)	(a)	(a)	(a)
Colorado	.5	.6	.5	.5	.....	.....	.....	.....	.....	.....
Idaho	19.7	5.8	15.8	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Oregon	46.0	23.0	45.4	44.9	54.1	44.3	36.7	40.3	49.7	43.2
Washington	129.1	106.3	118.5	139.5	95.4	88.2	108.3	97.7	109.5	98.4
WEST†	206.5	147.2	190.2	205.1	159.3	132.5	145.1	138.0	159.2	141.6
OTHER STATES	79.4	61.7	46.5	82.5	67.9	75.3	72.1	66.3	70.9	92.3
For Freezing ..	197.7	191.7	206.7	244.8	182.9	184.2	230.7	204.8	246.3	282.3
For Canning...	315.5	297.3	254.4	368.6	301.3	270.8	265.6	220.9	249.0	295.6
T. U.S. PROC. ...	513.2	489.0	461.1	613.4	484.2	455.1	496.3	425.7	495.3	577.8

(a) Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES".

PEAS, GREEN—VALUE PER TON—DOLLARS

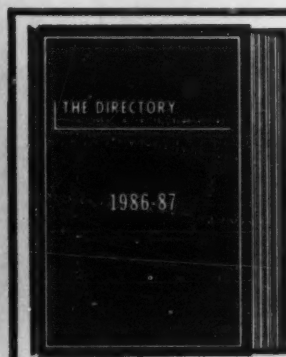
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Delaware	206.00	231.00	224.00	199.00	248.00	238.00	270.00	209.00	276.00	277.00
Maryland	219.00	230.00	225.00	187.00	261.00	245.00	275.00	232.00	282.00	304.00
New York	265.00	248.00	250.00	249.00	278.00	284.00	286.00	285.00	301.00	305.00
Michigan	n.a.	181.00	198.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Minnesota	191.00	201.00	218.00	220.00	244.00	230.00	236.00	229.00	243.00	240.00
Wisconsin	196.00	204.00	202.00	195.00	197.00	218.00	199.00	215.00	222.00	226.00
California	196.00	179.00	208.00	249.00	230.00	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	263.00	271.00	270.00	270.00	.....	.....	.....	.....	.....	.....
Idaho	207.00	236.00	219.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Oregon	178.00	194.00	150.00	169.00	173.00	179.00	202.00	173.00	211.00	204.00
Washington	200.00	202.00	204.00	222.00	193.00	203.00	235.00	205.00	246.00	240.00
For Freezing ..	190.00	202.00	200.00	218.00	202.00	206.00	240.00	212.00	244.00	252.00
For Canning...	204.00	208.00	210.00	205.00	214.00	226.00	215.00	220.00	230.00	228.00
U.S. PROC. AV ..	199.00	206.00	206.00	210.00	209.00	218.00	227.00	217.00	237.00	240.00

n.a.—Not available.

PEAS, GREEN—TOTAL VALUE—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Delaware	2,451	2,760	2,386	2,627	2,195	2,970	3,691	2,888	4,444	6,149
Maryland	1,774	1,760	1,991	2,416	1,618	1,833	1,466	786	1,151	1,225
New York	1,550	1,786	2,025	2,595	2,802	4,098	4,279	3,933	4,542	8,564
EAST†	5,775	6,306	6,402	7,638	6,615	8,901	9,436	7,607	10,137	15,938
Michigan	(a)	1,210	1,049	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Minnesota	15,662	20,180	18,061	24,572	19,088	20,118	22,958	18,377	24,883	30,905
Wisconsin	23,442	29,825	21,947	34,622	30,273	27,350	29,436	23,684	28,323	36,359
MID-WEST†	39,104	51,215	41,057	59,194	49,361	47,468	52,394	42,061	53,206	67,264
California	2,185	2,076	2,090	5,027	2,251	(a)	(a)	(a)	(a)	(a)
Colorado	118	149	122	135	.....	.....	.....	.....	.....	.....
Idaho	4,068	1,357	3,460	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Oregon	8,188	4,462	6,810	7,595	9,363	7,921	7,419	6,963	10,493	8,811
Washington	25,820	21,442	24,174	30,967	18,406	17,907	25,455	20,037	26,932	23,616
WEST†	40,379	29,486	36,656	43,724	27,769	25,828	32,874	27,000	37,425	32,427
OTHER STATES	16,724	13,526	10,738	18,534	15,396	16,859	17,837	15,521	16,498	22,860
For Freezing ..	37,612	38,721	41,327	53,380	36,865	37,918	55,394	43,495	60,045	71,177
For Canning...	64,370	61,812	53,526	75,710	64,527	61,138	57,147	48,694	57,221	67,312
T. U.S. PROC. ...	101,982	100,533	94,853	129,090	101,392	99,056	112,541	92,189	117,266	138,489

(a)—Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES".



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PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New Jersey	9.3	8.0	7.2	7.0	5.4	5.4	5.6	4.4	4.0	4.2
Pennsylvania	6.2	5.8	3.9	4.4	3.4	4.8	5.0	5.0	3.3	2.8
†MIDATLANT ..	15.5	13.8	11.1	11.4	8.8	10.2	10.6	9.4	7.3	7.0
Delaware	(a)	(a)	(a)	(a)	(a)	(a)	1.2	.8	.8	1.1
Maryland	4.3	4.0	3.9	2.8	3.4	3.3	4.1	2.6	2.9	2.3
Virginia	3.5	3.6	3.8	3.6	2.1	1.4	1.8	1.7	1.2	1.4
†DELMARVA ...	7.8	7.6	7.7	6.4	5.5	4.7	7.1	5.1	4.9	4.8
Ohio	22.3	21.2	19.7	18.7	16.8	14.1	18.8	19.0	15.9	15.9
Indiana	12.7	12.5	9.5	10.6	9.6	5.7	6.7	7.6	7.6	6.8
Illinois	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	4.0	4.1	4.5	5.6	6.0	6.2	9.7	9.2	7.4	6.6
†NO. CENTRAL ..	39.0	37.8	33.7	34.9	32.4	26.0	35.2	35.8	30.9	29.3
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	4.0	2.0	2.5	2.0	1.4	1.2	2.7	(a)	(a)	(a)
†SOUTH	4.0	2.0	2.5	2.0	1.4	1.2	2.7	(a)	(a)	(a)
Colorado	.7	.6	.8	.8	.5	.7	.9	1.1	1.0	.9
New Mexico	.9	.9	.6	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Utah	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California	233.8	276.4	231.9	250.0	208.3	204.3	232.0	233.5	239.7	217.0
†WEST	235.4	277.9	233.3	250.8	208.8	205.0	232.9	234.6	240.7	217.9
OTHER STS	7.3	7.5	7.3	6.6	6.2	6.8	6.8	7.1	8.1	6.5
PROCESSING ...	309.0	346.7	295.6	312.0	263.0	253.9	295.3	292.0	291.9	265.5
FRESH MKT ...	127.8	124.3	130.2	125.2	126.3	127.0	119.7	123.3	122.9	122.2
TOT. U.S.	436.8	471.0	425.8	437.2	389.3	380.9	415.0	415.3	414.8	387.7

† Area totals do not include quantities in "Other States". (a) Included in "Other States". n.a. Not available.

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PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—YIELD PER ACRE—TONS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Jersey	19.0	15.2	12.9	14.0	11.5	18.0	19.1	15.7	19.7	22.0
Pennsylvania	20.4	19.7	19.5	16.7	11.9	16.7	16.9	16.4	18.1	19.5
Delaware	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	14.9	13.4	18.1	12.7
Maryland	11.4	11.5	11.3	12.8	7.9	15.0	15.8	13.6	18.1	17.9
Virginia	12.7	8.1	10.5	11.9	8.6	13.0	15.4	7.4	12.0	18.0
Ohio	23.3	19.9	20.2	18.7	15.0	18.0	19.6	21.4	24.5	25.5
Indiana	18.4	13.9	21.1	14.6	11.1	14.6	20.8	18.4	21.3	20.6
Illinois	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan	18.6	15.5	18.0	18.1	12.3	19.1	21.1	19.9	23.5	25.2
Florida	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	11.2	10.2	8.6	8.7	7.1	5.3	9.1	n.a.	n.a.	n.a.
Colorado	16.9	10.9	15.3	10.8	13.0	14.2	16.1	16.0	14.0	20.1
New Mexico	10.0	11.0	8.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Utah	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
California	21.7	24.1	22.8	25.4	26.6	24.0	26.5	25.6	27.5	28.1
U.S. PROC. AV. ..	21.0	22.4	21.5	23.5	23.6	22.5	24.7	24.1	26.3	27.0

TOMATOES—PRODUCTION—1,000 TONS (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New Jersey	176.3	121.2	92.9	98.0	62.0	97.0	106.8	69.1	78.6	92.2
Pennsylvania	126.5	114.3	76.1	73.3	40.4	80.0	84.3	82.2	59.8	54.5
†MIDATLANT ..	302.8	235.5	169.0	171.3	102.4	177.0	191.0	151.2	138.5	146.7
Delaware	(a)	(a)	(a)	(a)	(a)	(a)	17.8	11.2	14.8	13.9
Maryland	49.0	46.0	44.0	35.9	26.9	49.6	64.6	35.3	52.6	41.2
Virginia	44.4	29.1	40.0	43.0	18.0	18.2	27.7	12.5	14.4	25.2
†DELMARVA ...	93.4	75.1	84.0	78.9	44.9	67.8	110.1	59.0	81.8	80.3
Ohio	520.3	422.8	398.4	349.3	252.0	253.1	368.1	406.6	389.6	405.0
Indiana	234.1	173.1	200.1	154.8	106.6	83.4	139.6	139.6	162.0	140.1
Illinois	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	74.5	63.5	81.2	101.4	73.7	118.3	204.7	183.1	173.9	166.3
† NO. CENT	828.8	659.4	679.6	605.5	432.2	454.8	712.3	729.3	725.5	711.4
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	44.9	20.4	21.6	17.4	9.9	6.4	24.6	(a)	(a)	(a)
†SOUTH	44.9	20.4	21.6	17.4	9.9	6.4	24.6	(a)	(a)	(a)
Colorado	11.0	7.0	11.6	8.1	6.1	9.9	13.8	17.6	13.8	17.3
New Mexico	9.0	9.9	4.8	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Utah	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California	5,066.5	6,669.6	5,289.7	6,350.0	5,540.8	4,903.2	6,148.0	5,972.9	6,591.8	6,102.0
†WEST	5,086.4	6,686.5	5,306.1	6,358.1	5,546.9	4,913.1	6,161.8	5,990.5	6,605.6	6,119.3
OTHER STS	115.6	102.5	107.6	98.4	74.3	97.1	99.1	99.8	129.8	119.5
PROCESSING ...	6,471.8	7,779.2	6,367.7	7,329.5	6,210.6	5,716.1	7,299.0	7,029.8	7,681.2	7,177.1
FRESH MKT ...	1,088.6	994.8	1,120.4	1,164.6	1,269.7	1,299.1	1,338.5	1,361.9	1,409.5	1,460.7
TOT. U.S.	7,560.4	8,774.0	7,488.1	8,494.1	7,480.3	7,015.2	8,637.5	8,391.7	9,090.6	8,637.8

†Area totals do not include quantities in Other States. (a) Included in Other States. n.a. Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—VALUE PER TON—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Jersey	65.00	63.00	65.00	70.20	74.20	86.60	87.40	83.00	80.40	75.00
Pennsylvania	61.00	62.00	64.00	65.80	71.20	80.50	86.30	83.50	79.90	75.50
Delaware	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	84.40	71.50	76.50	72.10
Maryland	64.50	64.30	66.80	60.70	71.00	79.50	82.00	75.50	76.70	72.70
Virginia	60.80	70.60	67.40	70.40	73.60	82.20	85.40	79.30	81.80	80.90
Ohio	66.00	66.00	67.80	67.80	71.10	85.40	89.10	84.70	83.10	77.20
Indiana	65.50	66.70	68.50	72.70	74.30	89.00	89.50	86.90	84.60	79.20
Illinois	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan	65.20	65.80	67.30	68.30	72.90	86.00	92.60	84.00	84.00	80.00
Florida	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	65.10	64.60	68.30	62.10	67.50	75.00	75.70	n.a.	n.a.	n.a.
Colorado	58.20	63.70	63.00	64.60	66.90	72.10	67.60	69.80	79.70	71.10
New Mexico	75.00	75.00	75.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Utah	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
California	56.20	63.90	63.70	67.50	59.70	64.70	68.50	65.70	64.80	64.10
PROC. AV.	58.00	64.10	64.20	67.60	61.00	67.50	71.60	68.40	67.40	66.30

TOMATOES—TOTAL VALUE—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New Jersey	11,456	7,636	6,035	6,880	4,600	8,398	9,333	5,734	6,323	6,914
Pennsylvania	7,717	7,084	4,870	4,821	2,875	6,442	7,271	6,860	4,780	4,112
†MIDATLANT ..	19,173	14,720	10,905	11,701	7,475	14,840	16,604	12,594	11,103	11,026
Delaware	(a)	(a)	(a)	(a)	(a)	(a)	1,505	802	1,134	1,005
Maryland	3,161	2,955	2,936	2,179	1,910	3,943	5,299	2,664	4,033	2,993
Virginia	2,696	2,051	2,696	3,024	1,322	1,496	2,361	992	1,178	2,039
†DELMARVA ...	5,857	5,006	5,632	5,203	3,232	5,439	9,165	4,458	6,345	6,037
Ohio	34,337	27,902	27,008	23,684	17,917	21,615	32,798	34,439	32,372	31,264
Indiana	15,330	11,546	13,703	11,251	7,917	7,422	12,491	12,132	13,708	11,094
Illinois	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	4,857	4,178	5,465	6,927	5,371	10,174	18,952	15,379	14,608	13,306
†NO. CENT	54,524	43,626	46,176	41,862	31,205	39,211	64,241	61,950	60,688	55,664
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	2,920	1,318	1,472	1,081	671	478	1,860	(a)	(a)	(a)
†SOUTH	2,920	1,318	1,472	1,081	671	478	1,860	(a)	(a)	(a)
Colorado	637	446	731	523	409	715	935	1,225	1,101	1,230
New Mexico	675	743	360	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Utah	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California	284,734	426,184	336,951	428,625	330,785	317,237	421,138	392,422	427,145	391,141
†WEST	286,046	427,373	338,042	429,148	331,194	317,952	422,073	393,647	428,246	392,371
OTHER STS	6,887	6,329	6,723	6,481	5,076	7,712	8,479	8,277	11,106	10,611
PROCESSING ...	375,407	498,372	408,950	495,476	378,853	385,632	522,422	480,926	517,488	475,709

(a) Included in OTHER STATES.
Not available.

†Area totals do not include quantities in OTHER STATES.

n.a.

COMMODITY SUMMARIES—HARVESTED ACREAGE—1,000 ACRES

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Beans, Lima	48.0	60.3	68.1	65.4	50.8	49.7	n.a.	n.a.	n.a.	n.a.
Beans, Snap	237.2	257.6	280.4	285.4	255.7	218.3	204.4	196.7	216.6	222.1
Beets	14.5	14.1	17.3	17.4	13.3	10.0	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	11.5	10.5	10.6	9.8	9.1	10.2	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	461.0	454.0	429.6	417.6	375.4	401.0	446.9	399.8	427.2	435.3
Cucumbers										
for Pickles	128.4	123.8	134.7	131.7	116.4	97.5	n.a.	n.a.	103.6	115.2
Peas, Green	393.0	350.5	355.5	392.3	321.7	293.1	303.8	308.8	330.5	353.6
Spinach	22.2	20.6	20.2	20.8	21.6	19.9	n.a.	n.a.	n.a.	n.a.
Tomatoes	209.0	346.7	295.6	312.0	263.0	253.9	295.3	292.0	291.9	265.5
TOTAL ABOVE ..	1,624.6	1,638.1	1,612.0	1,652.5	1,427.1	1,353.5	1,250.5	1,197.4	1,369.8	1,391.7

COMMODITY SUMMARIES—YIELD PER ACRE—TONS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Beans, Lima	1.16	1.23	1.21	1.36	1.21	1.31	n.a.	n.a.	n.a.	n.a.
Beans, Snap	2.49	2.62	2.56	2.69	2.75	3.08	3.15	2.99	3.07	3.16
Beets	10.86	14.60	12.79	14.32	15.40	15.59	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	20.23	22.29	20.60	24.27	22.87	24.22	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	4.84	5.23	5.67	5.90	5.75	5.93	6.13	5.57	5.97	6.06
Cucumbers										
for Pickles	4.94	5.04	5.09	5.08	5.23	5.90	n.a.	n.a.	5.97	6.03
Peas, Green	1.31	1.40	1.30	1.56	1.51	1.55	1.63	1.38	1.50	1.63
Spinach	7.27	7.46	6.72	7.43	7.61	7.69	n.a.	n.a.	n.a.	n.a.
Tomatoes	20.95	22.44	21.54	23.49	23.61	22.51	24.72	24.07	26.32	27.03

COMMODITY SUMMARIES—PRODUCTION—1,000 TONS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Beans, Lima	55.8	74.2	82.7	89.2	61.3	65.0	n.a.	n.a.	n.a.	n.a.
Beans, Snap	590.7	675.5	716.6	769.1	704.2	672.2	643.9	587.4	666.1	702.0
Beets	157.4	206.2	221.6	249.7	205.4	155.7	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	232.1	234.8	217.8	237.8	209.0	246.1	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	2,233.1	2,376.2	2,434.7	2,463.9	2,158.0	2,378.2	2,740.5	2,227.1	2,552.2	2,640.0
Cucumbers										
for Pickles	633.8	623.9	685.5	669.0	609.2	575.4	n.a.	n.a.	618.2	694.4
Peas, Green	513.2	489.0	461.1	613.4	484.2	455.1	496.3	425.7	495.3	577.8
Spinach	161.1	153.7	135.9	154.4	164.7	152.8	n.a.	n.a.	n.a.	n.a.
Tomatoes	6,471.8	7,779.2	6,367.7	7,329.5	6,210.6	5,716.1	7,299.0	7,029.8	7,681.2	7,177.1
TOTAL ABOVE ..	11,048.9	12,612.5	11,323.5	12,576.0	10,806.6	10,416.5	11,179.6	10,270.1	12,013.0	11,791.4

COMMODITY SUMMARIES—VALUE PER TON—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Beans, Lima	286.90	342.70	359.00	368.00	410.00	440.00	n.a.	n.a.	n.a.	n.a.
Beans, Snap	138.60	145.00	146.00	153.00	156.00	166.00	166.00	160.00	171.00	169.00
Beets	38.50	40.70	39.70	42.20	47.20	47.20	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	31.20	30.50	31.50	31.60	34.10	36.80	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	48.20	49.60	49.90	51.30	53.70	63.10	61.40	59.80	63.70	63.40
Cucumbers										
for Pickles	125.80	126.20	130.00	145.00	166.00	175.00	n.a.	n.a.	168.00	178.00
Peas, Green	198.70	206.00	206.00	210.00	209.00	218.00	227.00	217.00	237.00	240.00
Spinach	65.60	69.00	78.90	86.10	91.90	86.00	n.a.	n.a.	n.a.	n.a.
Tomatoes	58.00	64.10	64.20	67.60	61.00	67.50	71.60	68.40	67.40	66.30

COMMODITY SUMMARIES—TOTAL VALUE—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Beans, Lima	16,007	25,426	29,704	32,831	25,137	28,600	n.a.	n.a.	n.a.	n.a.
Beans, Snap	81,895	98,170	104,630	117,869	110,034	111,394	106,610	94,252	113,935	118,840
Beets	6,057	8,383	8,793	10,536	9,685	7,348	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	7,235	7,166	6,857	7,525	7,121	9,045	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	107,703	117,879	121,445	126,439	115,824	150,048	168,165	133,233	162,530	167,297
Cucumbers										
for pickles	79,751	78,651	88,814	97,186	101,264	100,629	n.a.	n.a.	103,823	123,639
Peas, Green	101,982	100,533	94,853	129,090	101,392	99,056	112,541	92,189	117,266	138,489
Spinach	10,569	10,600	10,722	13,287	15,139	13,144	n.a.	n.a.	n.a.	n.a.
Tomatoes	375,407	498,372	408,950	495,476	378,853	385,632	522,422	480,926	517,488	475,709
TOTAL ABOVE ..	786,606	945,180	874,768	1,030,239	864,449	904,896	909,738	800,600	1,015,042	1,023,974

*STATE SUMMARIES—HARVESTED ACREAGE—1,000 ACRES

State	1976	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985
Maine	5.8	7.2	7.1	8.0	7.6	8.2	8.9	8.5	9.9	10.4
New Hamp .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	.8	1.3	1.7	1.6	.9	.7	.....	.....	(a)	(a)
Conn .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	79.1	75.6	88.5	83.0	78.9	77.6	70.9	70.1	71.8	76.9
New Jersey	14.1	14.8	19.3	16.8	14.7	15.5	14.9	10.6	14.6	15.8
Penna	19.0	17.8	14.9	14.6	15.0	16.1	17.4	15.0	13.5	13.5
N. ATLANT	118.7	116.6	131.6	124.1	117.0	118.2	112.1	104.2	109.8	116.5
Ohio	30.9	29.9	28.1	26.5	24.2	20.9	19.0	19.1	20.7	21.0
Indiana	23.9	23.4	20.0	20.3	18.3	9.3	9.6	11.0	15.8	12.6
Illinois	103.2	91.8	95.2	95.0	74.4	68.2	58.8	55.3	61.3	57.2
Michigan	48.0	50.9	52.5	51.5	42.0	38.9	26.8	26.7	48.7	53.3
Wisconsin	342.1	331.2	304.3	338.9	308.7	287.0	265.8	271.3	300.6	322.0
Minnesota	193.3	191.1	185.5	178.1	174.0	168.6	184.7	176.7	194.7	206.1
Iowa	13.0	11.7	7.7	5.7	3.8	4.4	5.5	4.7	5.6	5.3
Missouri	.6	1.1	1.7	.5	1.5	.9	.5	.4	1.2	1.7
N. Dakota .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota	.1	.1	.1	.1	.1	(c)	.....	.....	(a)	(a)
Nebraska	.1	.2	.2	.1	.5	.2	.....	.....	(a)	(a)
Kansas .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. CENT	755.0	731.4	695.2	716.6	647.4	598.4	570.7	565.3	648.5	679.1
Delaware	28.2	30.1	35.2	30.4	26.1	26.7	16.7	17.2	21.7	22.8
Maryland	36.5	34.9	34.8	36.0	26.9	24.5	18.4	16.7	19.5	19.4
Virginia	12.9	12.8	13.3	11.7	8.3	5.1	3.6	2.1	3.2	2.7
W. Va.	.7	.5	.1	.1	(c)	(c)	(c)	(c)	(a)	(a)
N.C.	29.2	29.6	31.2	32.7	28.8	28.0	2.4	2.1	27.6	31.1
S.C.	7.8	8.8	9.7	10.9	8.7	10.9	.4	.1	9.5	13.8
Georgia	3.4	3.9	4.3	4.6	2.9	3.9	.9	1.3	2.6	3.0
Florida	18.1	19.4	21.8	22.8	17.0	8.9	3.8	2.1	8.6	7.3
S. ATLANT	136.8	140.0	150.4	149.2	118.8	107.9	46.2	41.7	92.6	100.1
Kentucky	2.7	2.8	2.3	1.2	1.0	.7	.....	.....	(a)	(a)
Tenn	13.3	14.9	12.9	10.9	13.7	9.2	6.9	4.9	5.3	(a)
Alabama	4.7	6.9	9.7	8.4	2.6	1.9	1.3	1.3	2.0	1.2
Miss	5.0	3.6	4.2	3.5	3.5	1.1	.....	.....	(a)	(a)
Arkansas	6.9	8.5	6.4	6.5	4.7	6.2	3.6	3.3	3.1	3.4
Louisiana	.3	.2	.1	.2	.2	.....	.....	.....	.....	.....
Oklahoma	4.3	4.2	3.0	2.2	4.2	4.4	1.3	.8	(a)	(a)
Texas	20.5	16.8	20.1	20.3	18.4	12.8	5.3	4.1	13.5	10.6
S. CENT	57.6	57.8	58.8	53.1	48.2	36.3	18.4	14.4	23.9	15.2
Montana .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	43.8	35.9	35.2	35.2	30.9	28.2	29.1	24.8	27.9	28.4
Wyoming .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	5.0	4.4	4.8	4.9	3.9	3.5	1.4	1.1	3.2	3.5
New Mexico	.9	.9	.6	.3	.4	.2	.2	.2	(a)	(a)
Arizona	1.2	.6	.7	.5	.4	.2	.....	.....	(a)	(a)
Utah	5.3	4.7	4.8	4.7	4.9	4.5	2.6	2.6	2.3	2.4
Wash	115.0	111.3	121.8	127.9	100.6	106.8	121.5	105.3	99.9	103.5
Oregon	108.2	104.3	116.9	122.7	101.5	103.0	104.9	95.6	101.5	99.3
Calif	277.3	330.3	291.6	313.4	253.2	246.3	243.4	242.2	255.1	233.4
WESTERN	556.5	592.3	576.2	609.6	495.8	492.6	503.1	471.8	489.9	470.5
OTHER STATES..	.....	.....	.....	.....	.....	.....	.....	.....	5.0	10.1
T. U.S. PROC....	1,624.6	1,638.1	1,612.0	1,652.5	1,427.1	1,353.5	1,250.4	1,197.4	1,369.8	1,391.7

*Up thru 1981 includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes. Beginning in 1982 includes snap beans, corn, green peas, tomatoes, with cucumbers added back in 1984. (a) Included in "OTHER STATES". (c) Less than 50 acres.

***STATE SUMMARIES—PRODUCTION—1,000 TONS**

State	1976	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985
Maine	6.2	9.0	8.4	11.8	8.4	13.1	11.0	9.7	10.6	18.9
New Hamp .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	7.4	10.4	13.4	12.7	8.0	8.8	.....	.....	(a)	(a)
Conn .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	328.2	373.9	403.8	420.6	380.8	387.8	275.6	256.6	278.4	266.9
New Jersey	197.2	147.8	127.9	124.1	92.2	132.0	131.5	80.4	113.9	131.2
Penn	161.6	144.7	107.8	97.9	66.2	109.0	116.0	102.0	93.5	90.2
N. ATLANT	700.5	685.7	661.2	667.0	555.5	650.7	534.1	448.6	496.4	507.1
Ohio	613.5	523.3	500.7	465.6	343.1	348.8	368.5	406.7	445.9	466.3
Indiana	280.9	213.3	245.0	192.0	136.6	102.6	152.0	148.1	202.8	169.2
Illinois	370.8	331.4	352.1	373.3	248.6	292.8	261.2	214.0	285.1	299.9
Michigan	222.5	237.5	259.9	267.5	234.7	267.7	246.5	227.7	343.2	359.9
Wisconsin	1,019.6	1,164.1	1,024.1	1,214.8	1,081.1	1,138.8	900.3	889.1	1,062.7	1,140.5
Minnesota	598.0	770.0	744.5	694.1	647.1	681.7	796.1	590.2	790.2	836.7
Iowa	59.9	60.9	46.6	37.0	24.7	27.3	32.3	27.0	34.0	38.8
Missouri	1.8	3.0	2.4	1.0	2.1	3.2	1.8	1.3	3.5	5.8
N. Dakota .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota	.2	.4	.2	.2	.2	.1	.....	.....	(a)	(a)
Nebraska	.6	1.0	.7	.7	2.4	.9	.....	.....	(a)	(a)
Kansas .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. CENT	3,167.5	3,304.8	3,175.9	3,246.2	2,720.6	2,863.9	2,758.6	2,504.0	3,167.3	3,317.0
Delaware	53.6	48.8	66.7	60.3	55.7	54.3	61.7	49.2	72.3	77.4
Maryland	138.7	134.1	138.7	142.9	107.2	132.4	115.9	74.6	138.3	135.5
Virginia	72.3	49.8	72.5	67.6	33.2	29.2	32.7	13.2	18.2	28.7
W. Va	2.3	1.2	.8	.9	.2	.5	.3	.3	(a)	(a)
N.C.	82.5	75.3	81.4	91.3	95.3	93.2	17.7	10.2	93.6	104.8
S.C.	19.2	25.0	29.7	26.9	23.7	28.3	.4	.1	36.1	49.6
Georgia	6.9	8.5	11.4	10.7	7.9	10.7	2.2	2.3	9.6	10.2
Florida	73.8	71.3	80.4	88.5	65.0	49.7	24.6	18.9	41.7	41.4
S. ATLANT	449.1	414.0	481.5	489.0	388.2	398.2	255.5	168.7	409.6	447.6
Kentucky	9.9	10.9	7.6	5.6	4.4	3.2	.....	.....	(a)	(a)
Tenn.	32.9	33.9	26.8	23.7	21.6	29.1	17.9	8.9	11.3	(a)
Alabama	20.4	13.0	15.3	18.3	4.9	5.4	2.6	2.1	2.8	3.2
Miss.	12.0	6.1	6.7	5.4	2.6	2.8	.....	.....	(a)	(a)
Arkansas	19.9	21.7	18.4	16.7	12.2	18.6	10.0	7.3	4.4	7.5
Louisiana	.6	.4	.2	.3	.1	.....	.....	.....	.....	.....
Oklahoma	13.7	12.5	12.3	7.0	19.7	22.0	4.5	2.5	(a)	(a)
Texas	127.5	95.7	121.5	96.9	98.1	67.9	31.2	22.4	80.3	60.8
S. CENT	236.8	194.0	208.7	173.9	163.5	148.9	66.3	43.2	98.8	71.5
Montana .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	200.6	161.6	185.2	213.1	172.1	167.9	200.4	137.7	159.3	165.1
Wyoming .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	40.3	33.3	36.0	34.8	32.2	31.8	15.8	17.6	32.7	36.4
New Mexico	9.0	9.9	4.8	2.8	4.0	2.3	2.2	2.5	(a)	(a)
Arizona	3.7	2.1	2.7	1.8	1.6	.5	.....	.....	(a)	(a)
Utah	23.4	16.9	17.4	23.3	19.9	20.2	9.5	7.8	8.2	10.4
Wash.	388.8	364.0	469.0	487.6	432.4	448.6	585.2	452.6	375.7	446.2
Oregon	544.2	526.7	577.1	612.5	570.0	573.4	580.1	495.6	568.5	548.3
California	5,285.2	6,899.9	5,504.3	6,624.1	5,746.7	5,110.1	6,172.2	5,991.8	6,675.4	6,209.4
WESTERN	6,495.0	8,014.2	6,796.4	8,000.0	6,978.9	6,354.8	7,565.2	7,105.6	7,819.7	7,415.7
OTHER STATES..	.....	.....	.....	.....	.....	.....	.....	.....	21.2	32.4
T. U.S. PROC....	11,048.9	12,612.5	11,323.5	12,576.0	10,806.6	10,416.5	11,179.6	10,270.1	12,013.0	11,791.4

*Up thru 1981 includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes. Beginning in 1982 includes snap beans, corn, green peas, and tomatoes, with cucumbers added back in 1984. (a) Included in "OTHER STATES".

***STATE SUMMARIES—TOTAL VALUE—1,000 DOLLARS**

State	1976	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985
Maine	849	1,411	1,587	2,069	1,617	2,179	2,146	2,112	1,853	5,130
New Hamp .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	654	1,039	1,394	1,342	874	1,121	.....	.....	(a)	(a)
Conn .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	21,906	27,363	30,472	32,786	33,665	36,602	33,220	30,309	31,398	35,279
New Jersey	14,565	11,851	11,600	11,541	10,191	15,239	14,330	7,990	13,626	15,204
Penna	11,361	10,210	7,890	7,574	5,748	10,523	11,591	9,557	9,544	9,462
N. ATLANT	49,335	51,874	52,943	55,312	52,095	65,664	61,287	49,968	56,361	65,075
Ohio	45,175	38,418	37,194	36,954	29,481	34,888	32,841	34,451	42,788	43,279
Indiana	18,974	14,700	17,754	14,306	10,368	9,257	13,471	12,868	17,862	14,675
Illinois	32,207	29,584	29,591	33,795	26,678	32,360	25,535	21,045	27,777	27,076
Michigan	21,314	23,368	27,176	29,311	25,530	30,624	25,333	22,051	39,192	43,547
Wisconsin	78,721	93,648	81,013	105,105	97,434	108,331	83,891	85,230	107,098	122,258
Minnesota	39,407	53,045	50,432	54,067	49,663	56,267	64,003	46,988	69,188	76,063
Iowa	3,288	3,176	2,396	1,949	1,385	1,481	1,810	1,916	2,470	2,889
Missouri	175	265	211	138	329	512	280	210	576	633
N. Dakota .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota	19	54	21	27	30	16	.....	.....	(a)	(a)
Nebraska	70	133	91	105	445	184	.....	.....	(a)	(a)
Kansas .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. CENT	239,350	256,391	245,879	275,757	241,343	273,920	247,164	224,759	306,951	330,420
Delaware	7,340	7,853	11,458	9,349	8,964	10,370	8,258	5,639	9,783	11,369
Maryland	11,905	12,345	13,640	14,117	11,905	15,879	10,404	6,197	14,552	13,591
Virginia	5,906	4,702	6,730	6,175	3,467	3,181	3,366	1,132	1,921	2,685
W. Va.	199	110	47	60	11	37	30	28	(a)	(a)
N.C.	11,436	9,931	10,331	14,014	16,365	17,328	1,995	1,325	15,782	20,571
S.C.	2,600	3,521	4,615	4,246	4,180	5,134	85	19	7,017	9,407
Georgia	888	1,218	1,701	1,705	1,537	2,159	473	497	1,647	1,939
Florida	9,027	9,576	10,597	12,155	14,817	8,695	2,220	1,530	8,768	8,310
S. ATLANT	49,301	49,256	59,119	61,821	61,246	62,783	26,831	16,367	59,470	67,872
Kentucky	1,286	1,357	1,012	732	631	435	.....	.....	(a)	(a)
Tenn	4,112	4,746	3,755	3,270	3,352	4,818	3,645	1,784	2,313	(a)
Alabama	2,449	2,050	1,645	2,839	653	1,169	447	464	557	698
Miss	1,332	872	824	717	345	511	.....	.....	(a)	(a)
Arkansas	2,316	2,213	1,798	2,454	1,620	2,752	1,657	1,363	769	1,301
Louisiana	65	35	22	35	11	.....	.....	.....	.....	.....
Oklahoma	1,286	1,060	1,008	653	1,882	2,409	720	397	(a)	(a)
Texas	11,707	9,826	12,806	11,745	12,805	10,651	3,012	2,191	10,225	11,708
S. CENT	24,553	22,159	22,870	22,445	21,299	22,745	9,481	6,199	13,864	13,707
Montana .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	14,691	10,190	13,779	14,214	12,959	13,937	15,584	11,463	12,531	12,830
Wyoming .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	3,199	3,322	3,743	3,322	4,189	3,482	1,208	1,225	3,574	3,765
New Mexico	675	743	360	210	340	194	184	213	(a)	(a)
Arizona	456	205	305	216	216	60	.....	.....	(a)	(a)
Utah	2,066	1,680	1,601	2,308	2,245	2,479	2,145	1,493	1,432	1,559
Wash	43,073	38,340	47,592	56,966	41,676	43,896	59,824	42,051	47,184	49,865
Oregon	47,788	49,478	51,650	59,409	57,845	58,297	58,862	49,347	62,936	59,718
California	312,119	461,542	374,927	478,259	368,996	357,439	427,168	397,515	447,544	413,540
WESTERN	424,067	565,500	493,957	614,904	488,466	479,784	564,975	503,307	575,201	541,277
OTHER STATES .....	.....	.....	.....	.....	.....	.....	.....	.....	3,195	5,623
T. U.S. PROC.	786,606	945,180	874,768	1,030,239	864,449	904,896	909,738	800,600	1,015,042	1,023,974

*Up thru 1981 includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes. Beginning in 1982 includes snap beans, corn, green peas and tomatoes with cucumbers added back in 1984. (a) Included in "OTHER STATES".

ASPARAGUS—HARVESTED ACREAGE—1,000 ACRES (Rounded)*

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New Jersey	3.3	2.3	1.9	1.6	1.5	1.8	n.a.	n.a.	2.0	1.9
Illinois	5.2	4.5	4.2	3.1	2.9	2.7	n.a.	n.a.	1.4	1.3
Michigan	18.0	19.0	19.5	19.5	19.5	19.0	n.a.	n.a.	19.2	19.2
California	33.9	30.3	28.0	26.4	27.9	27.3	n.a.	n.a.	34.2	35.2
Washington	20.4	20.2	21.0	21.0	22.2	23.7	n.a.	n.a.	29.0	29.0
Other States	11.8	11.2	9.2	9.1	9.0	7.5	n.a.	n.a.	4.1	4.6
TOT. U.S.	92.6	87.5	83.8	80.7	83.0	82.0	n.a.	n.a.	89.9	91.2

ASPARAGUS—YIELD PER ACRE—HUNDREDWEIGHT*

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
New Jersey	13	14	14	17	15	19	n.a.	n.a.	15	19
Illinois	9	11	9	11	13	10	n.a.	n.a.	10	11
Michigan	10	11	13	13	12	9	n.a.	n.a.	12	12
California	37	37	28	35	28	30	n.a.	n.a.	25	28
Washington	32	33	32	28	23	25	n.a.	n.a.	25	28
Other States	11	11	9	9	9	9	n.a.	n.a.	10	12
U.S. AVG.	25	25	22	24	20	21	n.a.	n.a.	21	23

ASPARAGUS—PRODUCTION—1,000 TONS (Rounded)**

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Illinois	2.0	2.1	1.6	1.4	(a)	(a)	n.a.	n.a.	(a)	(a)
Michigan	8.0	8.9	10.5	10.1	8.2	5.9	n.a.	n.a.	9.6	9.7
California	26.5	28.0	12.8	22.2	7.5	8.8	n.a.	n.a.	5.8	8.4
Washington	26.8	28.9	29.4	26.3	23.5	26.2	n.a.	n.a.	25.4	28.5
Other States	5.9	5.6	3.8	3.6	5.2	3.8	n.a.	n.a.	1.9	2.6
Canning	41.3	48.5	43.2	39.4	34.5	35.0	n.a.	n.a.	33.5	33.8
For Freezing	27.9	24.9	14.8	24.1	9.9	9.7	n.a.	n.a.	9.2	15.4
PROCESSING ...	69.2	73.4	58.0	63.5	44.4	44.6	n.a.	n.a.	42.7	49.2
FRESH MKT	46.0	36.7	35.1	32.0	39.2	41.0	n.a.	n.a.	52.2	57.4
TOT. U.S.	115.2	110.0	93.1	95.5	83.6	85.6	n.a.	n.a.	94.8	106.6

ASPARAGUS—VALUE PER TON**—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Illinois	528	638	798	912	(a)	(a)	n.a.	n.a.	(a)	(a)
Michigan	645	868	1,120	1,137	908	1,165	n.a.	n.a.	1,126	1,118
California	494	594	683	838	780	816	n.a.	n.a.	830	777
Washington	532	615	670	857	767	923	n.a.	n.a.	854	905
Other States	603	612	868	929	1,011	1,111	n.a.	n.a.	1,191	1,137
For Canning	560	650	755	893	816	941	n.a.	n.a.	930	951
For Freezing	501	614	816	911	852	984	n.a.	n.a.	916	909
U.S. AVG.	536	638	771	900	824	950	n.a.	n.a.	927	937

ASPARAGUS—TOTAL VALUE **—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Illinois	1,056	1,308	1,277	1,231	(a)	(a)	n.a.	n.a.	(a)	(a)
Michigan	5,160	7,682	11,760	11,461	7,464	6,874	n.a.	n.a.	10,810	10,867
California	13,066	16,632	8,708	18,604	5,850	7,140	n.a.	n.a.	4,814	6,527
Washington	14,258	17,774	19,898	22,539	18,032	24,183	n.a.	n.a.	21,700	25,793
Other States	3,557	3,395	3,254	3,317	5,237	4,211	n.a.	n.a.	2,239	2,946
For Canning	23,119	31,503	32,650	35,217	28,170	32,877	n.a.	n.a.	31,120	32,156
For Freezing	13,978	15,288	12,047	21,935	8,413	9,531	n.a.	n.a.	8,443	13,977
PROCESSING ...	37,097	46,791	44,697	57,152	36,583	42,408	n.a.	n.a.	39,563	46,133

*For both fresh market and processing. **For processing only. (a) Included in "Other States".

n.a. - Not available.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

BROCCOLI—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
<i>January-June</i>										
Arizona.....	350	350	400	800	400	420	550	(a)	(a)	(a)
California.....	27,800	35,900	30,900	35,500	37,100	35,400	41,800	(a)	(a)	(a)
Texas.....	450	800	1,700	450	1,700	3,300	3,200	(a)	(a)	(a)
Season Total....	28,600	37,050	33,000	36,750	39,200	39,120	45,550	(a)	(a)	(a)
<i>July-December (thru 1982)</i>										
Arizona†.....	300	500	400	250	350	300	250	700	1,300	1,900
California.....	22,600	31,900	33,500	32,500	35,500	36,000	40,000	82,000	95,700	94,400
Oregon.....	900	940	900	900	1,000	1,100	1,800	2,000	2,000	2,500
Texas†.....	400	500	500	500	1,800	2,000	4,400	6,800	7,500	7,300
Season Total.....	24,200	33,840	35,300	34,150	38,650	39,400	46,450	n.a.	n.a.	n.a.
TOT. U.S.....	52,800	70,890	68,300	70,900	77,850	78,520	92,000	91,500	106,500	106,100

BROCCOLI—YIELD PER ACRE*—HUNDREDWEIGHT

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
<i>January-June</i>										
Arizona.....	50	55	53	60	62	69	75	(a)	(a)	(a)
California.....	88	85	79	89	89	100	100	(a)	(a)	(a)
Texas.....	67	65	64	47	55	86	88	(a)	(a)	(a)
Season Avg.	87	84	78	88	87	98	99	(a)	(a)	(a)
<i>July-December (thru 1982)</i>										
Arizona†.....	50	60	54	76	59	80	60	77	76	93
California.....	75	76	81	90	88	93	94	92	99	100
Oregon.....	81	86	84	100	99	99	110	85	88	98
Texas †.....	50	50	26	55	50	94	78	81	76	86
Season Avg.	75	76	80	90	87	93	93	n.a.	n.a.	n.a.
U.S. AVG.	81	80	79	89	87	96	96	91	97	99

BROCCOLI—PRODUCTION**—1,000 TONS (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
California.....	100.2	150.9	131.4	148.0	142.9	144.6	159.6	126.3	164.7	157.5
Other States†....	2.6	5.3	6.3	4.3	5.1	5.6	10.6	10.9	12.4	15.5
PROCESSING ...	102.8	156.1	137.6	152.3	147.9	150.2	170.2	137.2	177.1	173.0
FRESH MKT.....	111.7	128.6	132.4	162.8	189.8	225.9	270.7	279.1	337.0	351.5
TOT. U.S.....	214.5	284.7	270.0	315.1	337.7	376.1	441.0	416.3	514.1	524.5

BROCCOLI—VALUE PER TON**—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
California.....	252.00	272.00	296.00	320.00	376.00	378.00	394.00	390.00	394.00	393.00
Other States†....	180.00	220.00	225.00	295.00	312.00	324.00	336.00	327.00	325.00	332.00
U.S. PROC. AV....	250.00	270.00	293.00	319.00	374.00	376.00	390.00	385.00	389.00	387.00

BROCCOLI—TOTAL VALUE**—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
California.....	25,250	41,031	38,890	47,360	53,712	54,659	62,882	49,257	64,892	61,898
Other States†....	459	1,155	1,409	1,267	1,574	1,828	3,567	3,567	4,024	5,145
U.S. PROC.	25,709	42,186	40,299	48,627	55,286	56,487	66,449	52,824	68,916	67,043

*For fresh market and processing. **For processing only. (a) Included in "July-December". †1984 and 1985 data not comparable to previous years because of change from calendar to seasonal forecasts.

CARROTS—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
<i>Winter</i>	20.3	16.7	17.8	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Arizona	.5	.6	.7	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Calif. Des. †	4.4	4.0	3.8	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Calif. Other	4.9	4.1	4.1	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Texas	10.5	8.0	9.2	(a)	(a)	(a)	(a)	(b)	(b)	(b)
<i>Spring</i>	17.3	15.0	18.0	34.1	32.6	32.3	34.6	(b)	(b)	(b)
Arizona	1.5	1.2	1.3	1.9	1.8	1.6	2.6	(b)	(b)	(b)
Calif. Des. †	5.7	5.7	7.3	10.2	11.1	8.6	8.9	(b)	(b)	(b)
Calif. Other	4.8	4.9	4.7	10.3	10.6	10.4	11.5	(b)	(b)	(b)
Texas	5.3	3.2	4.7	11.7	9.1	11.7	11.6	(b)	(b)	(b)
<i>Summer</i>	14.0	14.6	14.7	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Calif. Other	6.3	6.8	7.4	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Colorado	1.0	1.0	1.0	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Illinois	.3	.3	.4	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan	3.3	3.0	3.2	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Texas	.7	.8	.5	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington	.7	1.0	1.0	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Wisconsin	1.7	1.7	1.2	(b)	(b)	(b)	(b)	(b)	(b)	(b)
<i>Fall (thru 1982)</i>	21.9	23.4	26.3	44.1	39.9	41.6	44.8	n.a.	n.a.	n.a.
Arizona † †	...	...	...	...	...	...	...	3.1	2.9	2.4
Calif. Des. † †	.7	.5	.8	1.0	.6	.5	.6	11.9	11.0	12.1
Calif. Other	6.2	7.0	7.3	15.5	14.3	14.4	14.9	27.5	30.1	29.6
Colorado	...	...	...	1.0	1.1	1.1	1.0	1.1	1.0	1.0
Florida	...	...	...	...	...	...	...	10.0	10.6	11.5
Illinois	...	...	...	.3	.3	...	...	...	...	...
Michigan	2.7	2.6	2.9	6.6	5.6	5.6	6.7	7.2	7.5	6.4
Minnesota †	1.0	1.5	1.9	1.7	1.3	1.3	1.5	1.3	1.3	1.2
New York	1.3	1.1	1.2	1.1	1.0	1.1	1.6	1.6	1.6	1.4
Oregon	1.0	1.2	1.3	1.4	1.5	2.0	2.3	1.3	1.2	1.1
Texas † †	2.3	2.2	3.4	4.4	4.5	4.8	5.5	13.1	15.0	13.8
Washington	3.4	4.0	3.5	5.0	4.2	4.4	4.8	4.0	4.3	5.2
Wisconsin †	1.6	1.8	2.5	4.5	3.8	4.5	4.0	3.2	5.2	3.5
Other States	1.7	1.5	1.5	1.6	1.8	1.9	1.9	2.1	1.9	2.3
TOT. U.S.	73.5	69.6	76.8	78.2	72.5	73.9	79.4	87.4	93.6	91.5

CARROTS—YIELD PER ACRE*—HUNDREDWEIGHT

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
<i>Winter</i>	207	201	228	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Arizona	120	140	150	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Calif. Des. †	240	260	250	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Calif. Other	310	270	295	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Texas	150	140	195	(a)	(a)	(a)	(a)	(b)	(b)	(b)
<i>Spring</i>	227	223	211	213	223	234	253	(b)	(b)	(b)
Arizona	110	150	115	120	140	135	170	(b)	(b)	(b)
Calif. Des. †	245	190	200	231	224	280	320	(b)	(b)	(b)
Calif. Other	360	320	330	307	314	300	335	(b)	(b)	(b)
Texas	120	185	130	129	151	155	155	(b)	(b)	(b)
<i>Summer</i>	295	322	265	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Calif. Other	300	345	230	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Colorado	280	220	250	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Illinois	300	350	295	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan	260	230	255	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Texas	180	125	180	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington	345	435	420	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Wisconsin	375	470	420	(b)	(b)	(b)	(b)	(b)	(b)	(b)
<i>Fall</i>	321	333	309	312	303	311	324	n.a.	n.a.	n.a.
Arizona † †	...	...	...	...	...	...	...	175	130	165
Calif. Des. † †	210	190	215	210	190	205	210	250	280	245
Calif. Other	250	285	270	294	311	285	310	310	295	270
Colorado	...	...	...	245	240	350	350	225	280	350
Florida	...	...	...	...	...	...	...	110	69	96
Illinois	...	...	...	310	255	...	...	...	...	...
Michigan	290	235	275	260	239	235	255	230	270	260
Minnesota †	430	430	365	380	380	320	370	340	330	380
New York	350	310	300	290	365	355	330	325	355	385
Oregon	445	440	345	440	465	445	435	415	430	475
Texas † †	186	155	180	152	151	195	165	210	145	145
Washington	455	475	400	447	467	400	435	400	425	435
Wisconsin †	390	465	410	417	296	420	450	465	365	470
Other States	363	355	413	404	349	394	543	362	462	419
U.S. AVG.	262	277	258	269	270	277	295	265	253	250

*For both fresh market & processing. † Excludes the following quantities not harvested or not marketed because of economic conditions - 1976 winter, Calif. desert, 96,000 cwt - spring Calif. desert, 147,000 cwt; 1977 fall, Wis. 5,000 cwt; 1978, fall, Minn. 28,000 cwt, Wis. 9,000 cwt. (a) Included with "Spring". (b) Included with "Fall". † † 1984 and 1985 data not comparable to previous years because of change from calendar to seasonal forecasts.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

CARROTS—PRODUCTION**—1,000 TONS (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Michigan	22.3	13.0	26.3	29.2	23.0	24.3	30.9	26.1	30.0	27.7
Minnesota	19.7	20.7	22.2	17.7	12.3	10.8	13.7	13.7	13.9	15.0
New York	11.5	8.6	13.7	12.1	10.3	11.3	15.3	15.3	19.5	12.5
Wisconsin	53.5	76.7	68.8	(a)	(a)	(a)	(a)	(a)	(a)	(a)
NORTHERN	107.0	118.9	130.9	58.9	45.6	46.4	59.9	55.2	63.4	55.2
California†	102.2	139.4	113.3	156.2	120.6	75.0	83.0	120.4	105.5	74.8
Oregon	17.5	22.6	19.5	27.6	27.1	36.8	41.0	21.6	21.5	21.3
Texas†	30.0	22.0	44.7	19.1	18.8	23.2	28.8	33.6	24.8	9.0
Washington.....	59.0	96.2	80.8	90.0	67.1	63.0	87.3	60.6	68.8	90.4
WESTERN	208.6	280.2	258.3	292.8	233.5	198.0	240.0	236.2	220.6	195.5
OTHER STATES	30.7	27.7	33.4	117.2	80.1	121.6	119.9	103.8	128.9	122.5
PROCESSING ...	346.3	426.8	422.5	469.0	359.2	366.0	419.8	395.2	412.9	373.2
FRESH MKT. ...	617.7	536.8	568.7	581.8	617.8	657.3	751.2	761.7	773.8	770.0
TOT. U.S.	963.9	963.6	991.2	1,050.7	976.9	1,023.3	1,171.0	1,156.9	1,186.7	1,143.1

CARROTS—VALUE PER TON**—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Michigan	41.20	51.30	49.10	44.50	58.00	49.50	52.50	48.40	51.70	57.60
Minnesota	32.20	33.10	33.50	44.00	54.30	47.80	55.00	61.90	48.10	55.50
New York	50.30	44.60	46.50	50.00	59.30	62.90	62.10	68.10	64.50	63.70
Wisconsin	44.30	56.30	57.80	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California†	40.30	49.50	55.00	49.60	55.60	58.60	64.60	69.40	74.90	79.90
Oregon	32.00	36.40	33.60	39.40	44.30	44.50	41.80	43.40	43.40	47.60
Texas†	41.70	31.80	33.70	36.40	42.00	42.60	22.00	22.00	22.00	24.00
Washington.....	32.00	30.60	31.70	29.30	34.40	39.40	36.20	40.10	50.40	53.40
Other States	41.50	44.20	51.90	60.10	68.00	68.00	67.50	68.20	71.50	72.80
U.S. PROC. AV. .	39.20	43.70	45.70	46.70	53.00	55.20	53.10	57.40	61.90	64.80

CARROTS—TOTAL VALUE**—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Michigan	919	667	1,291	1,299	1,333	1,203	1,620	1,265	1,551	1,596
Minnesota	634	685	744	777	668	516	753	850	870	834
New York	576	381	635	604	611	711	953	1,043	1,258	796
Wisconsin	2,370	4,315	3,975	(a)	(a)	(a)	(a)	(a)	(a)	(a)
NORTHERN.....	4,499	6,048	6,645	2,680	2,612	2,430	3,326	3,158	3,479	3,226
California†	4,119	6,900	6,232	7,745	6,705	4,395	5,359	8,356	7,902	5,979
Oregon	558	823	655	1,086	1,198	1,639	1,712	937	933	1,013
Texas†	1,251	700	1,506	695	789	986	634	726	546	216
Washington.....	1,886	2,944	2,560	2,637	2,308	2,481	3,161	2,430	3,466	4,827
WESTERN	7,814	11,367	10,953	12,163	11,000	9,501	10,866	12,449	12,847	12,035
OTHER STATES	1,273	1,223	1,730	7,041	5,440	8,272	8,088	7,080	9,221	8,920
U.S. PROC.	13,586	18,638	19,328	21,884	19,052	20,203	22,280	22,687	25,547	24,181

**For Processing Only. (a) Included in "OTHER STATES". †1984 and 1985 data not comparable with previous years due to change from calendar to seasonal forecasts.

CAULIFLOWER—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Winter (c)	6.9	7.1	5.8	15.0	14.1	14.9	16.3	(b)	(b)	(b)
Arizona	.8	1.1	1.0	1.8	1.6	1.7	1.5	(b)	(b)	(b)
California	6.0	5.9	4.3	12.8	11.8	12.8	14.1	(b)	(b)	(b)
Texas	.2	.1	.5	.4	.7	.4	.7	(b)	(b)	(b)
Spring (c)	5.2	5.9	5.2	(c)	(c)	(c)	(c)	(b)	(b)	(b)
California	5.2	5.9	5.2	(c)	(c)	(c)	(c)	(b)	(b)	(b)
Summer (b)	7.2	7.9	10.9	(b)	(b)	(b)	(b)	(b)	(b)	(b)
California	5.9	6.8	9.9	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan .....	.....	.....	.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
New York	1.3	1.1	1.0	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fall (b)	14.2	16.3	19.6	27.8	29.2	31.3	35.1	n.a.	n.a.	n.a.
Arizona (d)	.3	.3	.3	.4	.6	.5	.7	2.9	4.0	4.9
California	9.4	11.4	14.0	20.9	22.1	23.5	25.9	41.9	46.2	45.6
Michigan	.7	1.0	1.1	1.1	1.0	1.2	1.5	1.4	1.5	1.5
New York - LI ..	1.6	1.6	1.6	1.5	1.5	1.9	1.9	1.8	2.0	2.0
N.Y. - Upstate ..	.....	.....	.....	1.5	1.7	1.7	1.8	1.7	1.9	1.9
Oregon	1.9	1.9	2.1	2.1	2.0	2.0	2.9	3.1	3.4	3.7
Texas	.4	.1	.5	.3	.3	.5	.4	1.8	1.8	1.5
TOT U.S.	33.5	37.2	41.5	42.8	43.3	46.2	51.4	54.6	60.8	61.1

CAULIFLOWER—YIELD PER ACRE*—HUNDREDWEIGHT

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Winter (c)	83	74	71	88	95	115	98	(b)	(b)	(b)
Arizona	60	68	68	89	110	120	135	(b)	(b)	(b)
California	85	75	70	90	94	115	93	(b)	(b)	(b)
Texas	100	91	80	18	78	76	77	(b)	(b)	(b)
Spring (c)	90	100	81	(c)	(c)	(c)	(c)	(b)	(b)	(b)
California	90	100	81	(c)	(c)	(c)	(c)	(b)	(b)	(b)
Summer (b)	99	101	105	(b)	(b)	(b)	(b)	(b)	(b)	(b)
California	105	105	110	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan .....	.....	.....	.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
New York	76	77	65	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington .....	.....	.....	.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Fall (b)	93	108	93	101	100	113	108	n.a.	n.a.	n.a.
Arizona (d)	60	60	55	83	105	160	115	120	115	115
California	85	105	90	97	93	105	99	95	105	99
Michigan	55	50	50	70	50	62	58	55	65	65
New York - LI ..	115	125	100	90	104	135	125	120	130	110
N.Y. - Upstate ..	.....	.....	.....	102	100	120	120	105	110	120
Oregon	135	150	155	170	195	195	200	150	195	180
Texas	57	70	18	40	85	80	90	91	82	80
U.S. AVG.	92	99	92	96	98	113	104	99	110	106

CAULIFLOWER—PRODUCTION**—1,000 TONS (Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
California	43.8	64.0	85.0	59.8	55.0	69.6	71.0	60.9	59.1	46.0
Michigan	.2	1.4	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New York	.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	10.0	12.7	14.6	14.7	17.7	17.0	26.5	24.6	34.5	33.7
PROCESSING ...	54.1	78.1	99.6	74.5	72.7	86.6	97.5	85.5	93.6	79.7
FRESH MKT. ...	99.5	105.7	90.9	131.4	140.1	174.5	171.0	185.2	240.9	240.7
TOT. U.S.	153.6	183.7	190.4	205.9	212.8	261.1	268.5	270.7	334.5	320.4

CAULIFLOWER—VALUE PER TON**—DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
California	176.00	208.00	220.00	214.00	248.00	254.00	275.00	270.00	292.00	303.00
Michigan	133.00	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New York	120.00	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	159.00	143.00	170.00	148.00	174.00	193.00	192.00	207.00	222.00	221.00
U.S. PROC. AV. .	173.00	196.00	213.00	201.00	230.00	242.00	252.00	252.00	266.00	268.00

*For fresh market and processing. **For processing only. (a) Included in Other States.
 (b) Combined with Fall. (c) Combined with Winter. (d) Data thru 1983 not comparable with later years
 due to seasonal forecasting.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

CAULIFLOWER—TOTAL VALUE**—1,000 DOLLARS

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
California	7,700	13,312	18,689	12,797	13,640	17,678	19,525	16,443	17,243	13,938
Michigan	20	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New York	30	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	1,583	2,003	2,482	2,187	3,079	3,271	5,091	5,082	7,657	7,451
TOT U.S. PROC .	9,333	15,315	21,171	14,984	16,719	20,949	24,616	21,525	24,900	21,389

**For processing only. (a) Included in Other States.

*SWEET POTATOES—HARVESTED ACREAGE—1,000 ACRES

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Maryland	1.6	1.6	1.4	1.4	1.3	1.3	1.3	1.1	1.1	1.1
New Jersey	2.3	2.4	2.6	2.7	2.4	2.5	2.9	2.4	2.4	2.7
Virginia	5.7	5.0	4.2	3.9	2.1	2.3	2.2	1.2	.6	.7
MID ATL	9.6	9.0	8.2	8.0	5.8	6.1	6.4	4.7	4.1	4.5
N. Carolina	33.0	33.0	37.0	40.0	37.0	39.0	44.0	37.0	38.0	40.0
S. Carolina	2.8	2.7	2.8	3.1	2.5	3.5	5.3	4.0	5.0	5.0
Georgia	5.9	5.0	5.5	5.5	4.5	5.6	6.3	5.8	6.4	6.3
LOWER ATL	41.7	40.7	45.3	48.6	44.0	48.1	55.6	46.8	49.4	51.3
Alabama	5.5	5.3	5.5	5.7	5.3	5.4	5.5	4.9	5.9	6.4
Arkansas	1.2	1.0	.8	.7	.6	.....	.....	.....	.....	.....
Louisiana	29.0	27.0	28.0	27.0	25.0	26.0	25.0	24.0	23.0	21.0
Mississippi	7.5	5.4	4.7	4.7	4.6	5.2	5.0	4.7	4.8	5.5
Tennessee	2.2	1.4	1.5	2.0	2.0	1.8	1.5	1.4	1.0	1.1
Texas	10.5	9.5	9.5	7.9	6.5	7.8	7.2	7.1	7.3	7.7
S. CENTRAL	55.9	49.6	50.0	48.0	44.0	46.2	44.2	42.1	42.0	41.7
California	7.6	7.8	8.7	9.6	8.4	8.9	9.2	8.8	8.0	7.6
U.S.†	114.8	107.1	112.2	114.2	102.2	109.3	115.4	102.4	103.5	105.1

*All uses.

*SWEET POTATOES—YIELD PER ACRE—CWT

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Maryland	155	155	160	155	150	175	195	165	160	165
New Jersey	115	105	110	115	115	110	110	90	110	125
Virginia	145	125	130	130	115	150	150	115	140	150
N. Carolina	130	130	130	120	115	120	135	120	135	140
S. Carolina	90	105	120	110	95	95	125	115	100	125
Georgia	120	90	110	115	100	115	130	125	140	160
Alabama	90	85	100	110	100	115	120	105	115	120
Arkansas	80	75	80	75	60	.....	.....	.....	.....	.....
Louisiana	95	90	95	95	85	100	100	95	105	120
Mississippi	110	105	95	95	90	95	100	95	105	120
Tennessee	105	100	100	105	80	80	85	80	95	150
Texas	105	95	110	130	80	95	135	120	110	130
California	155	150	160	170	180	185	190	195	180	190
U.S. AVG.	116	111	117	117	107	117	129	118	125	137

*All uses.

SWEET POTATOES—PRODUCTION—1,000 CWT

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Maryland	248	248	224	217	195	228	254	182	176	182
New Jersey	265	252	286	311	276	275	319	216	264	338
Virginia	827	625	546	507	242	345	330	138	84	105
MID ATL	1,340	1,125	1,056	1,035	713	848	903	536	524	625
N. Carolina	4,290	4,290	4,810	4,800	4,255	4,680	5,940	4,440	5,130	5,600
S. Carolina	252	284	336	341	238	333	663	460	500	625
Georgia	708	450	605	633	450	644	819	725	896	1,008
LOWER ATL	5,250	5,024	5,751	5,774	4,943	5,657	7,422	5,625	6,526	7,233
Alabama	495	451	550	627	530	621	660	515	679	768
Arkansas	96	75	64	53	36	.....	.....	.....	.....	.....
Louisiana	2,755	2,430	2,660	2,565	2,125	2,600	2,500	2,280	2,415	2,520
Mississippi	825	567	447	447	414	494	500	447	504	660
Tennessee	231	140	150	210	160	144	128	112	95	165
Texas	1,103	903	1,045	1,027	520	741	972	852	803	1,001
S. CENTRAL	5,505	4,566	4,916	4,929	3,785	4,600	4,760	4,206	4,496	5,114
California	1,178	1,170	1,392	1,632	1,512	1,647	1,748	1,716	1,440	1,444
U.S.†	13,273	11,885	13,115	13,370	10,953	12,752	14,833	12,083	12,986	14,416

MUSHROOMS—PRODUCTION, SALES, USE, VALUE

Source: Statistical Reporting Service U.S.D.A

Crop year beginning July 1 of year shown

	1976	1977	1978	1979	1980	1981	1982	1983	1984	*1985
Production Area—1,000 sq. ft.										
California	(a)	(a)	(a)	(a)	23,976	23,846	23,777	25,301	25,169	25,170
Pennsylvania	67,057	73,933	72,705	72,984	72,033	75,360	68,620	74,289	68,524	62,287
Other States	50,635	61,168	74,033	77,774	44,337	42,120	42,998	43,220	45,440	46,702
Total U.S.	117,692	135,101	146,738	150,758	140,346	141,326	135,395	142,810	139,133	134,159
Production—1,000 lbs.										
California	(a)	(a)	(a)	(a)	83,433	87,543	89,414	108,475	113,600	n.a.
Pennsylvania	198,606	220,058	213,790	213,709	237,463	273,048	246,582	279,654	275,196	n.a.
Other States	148,523	178,645	240,217	256,360	148,680	156,555	154,830	173,402	206,885	n.a.
Total U.S.	347,129	398,703	454,007	470,069	469,576	517,146	490,826	561,531	595,681	n.a.
Price Per Pound—Cents										
California	(a)	(a)	(a)	(a)	96.6	102.0	111.0	98.6	100.0	n.a.
Pennsylvania	69.0	72.3	71.5	66.3	67.4	65.8	70.0	73.4	67.5	n.a.
Other States	79.9	83.1	87.0	88.6	90.0	96.0	102.9	100.4	93.6	n.a.
Value of Production—\$1,000										
California	(a)	(a)	(a)	(a)	80,600	88,907	99,415	106,967	114,143	n.a.
Pennsylvania	137,017	159,058	152,393	141,601	160,019	179,557	172,607	205,196	185,801	n.a.
Other States	118,661	148,530	208,907	226,996	133,880	150,242	159,399	174,225	193,704	n.a.
Total U.S.	255,678	307,588	361,300	368,597	374,499	418,706	431,421	486,388	493,648	n.a.
Sales to Processors—1,000 lbs.										
Pennsylvania	135,823	144,798	152,568	143,660	149,602	152,907	117,251	124,979	115,529	n.a.
1Other East.....	.....	.....	.....	.....	13,864	9,898	10,503	11,240	15,787	n.a.
2Central.....	60,059	62,825	71,901	70,563	24,316	26,223	16,945	18,444	23,755	n.a.
3West.....	.....	.....	.....	.....	6,742	8,986	8,893	18,793	20,697	n.a.
Total.....	195,882	207,623	224,469	214,223	194,524	198,014	153,592	173,456	175,768	n.a.
Price Per lb. to Proc.—Cents										
Pennsylvania	62.9	65.7	64.5	57.3	58.1	55.2	59.3	62.7	55.1	n.a.
1Other East.....	.....	.....	.....	.....	55.1	48.1	55.0	61.7	47.9	n.a.
2Central.....	75.9	64.2	63.6	58.3	61.4	59.7	72.3	73.4	65.7	n.a.
3West.....	.....	.....	.....	.....	68.0	56.7	65.5	70.4	67.9	n.a.
U.S.....	66.9	65.2	64.2	57.6	58.6	55.5	60.8	64.6	57.4	n.a.
Value of Proc. Sales—\$1,000										
Pennsylvania	85,462	95,125	98,335	82,249	86,919	84,405	69,530	78,362	63,656	n.a.
1Other East.....	.....	.....	.....	.....	7,635	4,761	5,773	6,981	7,559	n.a.
2Central.....	45,603	40,304	45,695	41,147	14,923	15,643	12,244	13,544	15,612	n.a.
3West.....	.....	.....	.....	.....	4,583	5,092	5,826	13,224	14,059	n.a.
Total.....	131,065	135,429	144,030	123,396	114,060	109,901	93,373	112,061	100,886	n.a.
Sales to Fresh Market—1,000 lbs.										
Pennsylvania	62,783	75,260	61,222	70,049	87,861	120,141	129,331	154,675	159,667	n.a.
1Other East.....	.....	.....	.....	.....	42,016	47,763	44,515	51,530	63,198	n.a.
2Central.....	88,464	115,820	168,316	185,797	34,639	34,367	40,857	44,839	44,046	n.a.
3West.....	.....	.....	.....	.....	110,536	116,861	122,531	137,081	153,002	n.a.
Total.....	151,247	191,080	229,538	255,846	275,052	319,132	337,234	388,075	419,913	n.a.

See footnotes on next page.

MUSHROOMS—PRODUCTION, SALES, USE, VALUE—Continued

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Price Per Lb. to Fresh Market—Cents										
Pennsylvania	82.1	84.9	89.1	84.7	83.2	79.2	79.7	82.0	76.5	n.a.
¹ Other East					101.0	100.0	112.0	106.0	94.1	n.a.
² Central	82.6	93.4	97.0	100.1	95.3	97.3	103.0	103.0	103.0	n.a.
³ West					101.0	113.0	117.0	107.0	108.0	n.a.
U.S.	82.4	90.1	94.9	95.8	94.7	96.8	100.0	96.5	93.5	n.a.
Value of Fresh Market Sales										
Pennsylvania	51,555	63,933	54,558	59,352	73,100	95,152	103,077	126,834	122,145	n.a.
¹ Other East					42,336	47,922	49,669	54,456	59,460	n.a.
² Central	73,058	108,226	163,212	185,849	33,003	33,445	41,951	46,108	45,551	n.a.
³ West					112,000	132,286	143,351	146,929	165,606	n.a.
Total	124,613	172,159	217,770	245,201	260,439	308,805	338,048	374,327	392,762	n.a.

(a) Included in Other States. n.a.—Not yet available. *Filling intentions - represents area intended for use during 1985-86 season. ¹Federal Regions I-IV including Conn., Del., Fla., Ga. (1983 & 84), Ky. (except 1982 & 83), Pa., Md., Mass., N.Y., N.J., Tenn., Va. and W. Va. (beginning 1982). ²Federal Regions V-VII including Ill., Ind., Iowa (1983 & 84), Mich., Minn. (except 1982), Mo. (1980 & 84), Ohio, Wis. ³Federal Regions VI, VIII, IX, and X including Calif., Colo., Ore., Tex., Utah and Wash. La. (except 1983-84) and Okla. beginning 1981-82. Hawaii (except 1982 and 1983) and S.D. (1980-81 only).

FRUIT CROPS—UTILIZATION, PRICE, VALUE

Source: Crop Reporting Board, Statistical Reporting Service, U.S.D.A.

APPLES—UTILIZED PRODUCTION, PRICE, VALUE

State	Utilized production			Price per pound			Value of utilized prod.		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
	Million pounds			Cents			1,000 Dollars		
Arkansas	13.5	7.0	15.0	8.9	13.7	11.6	1,198	959	1,745
California	460.0	485.0	540.0	11.8	13.6	10.5	54,218	65,845	56,780
Colorado	84.0	65.0	95.0	9.1	11.1	10.7	7,632	7,185	10,190
Connecticut	40.0	47.0	40.0	15.8	16.4	18.6	6,306	7,713	7,421
Delaware	13.5	13.5	12.5	10.0	11.1	10.2	1,356	1,501	1,274
Georgia	19.0	45.0	19.0	8.6	8.4	9.4	1,643	3,760	1,793
Idaho	128.0	134.0	140.0	17.3	18.3	23.1	22,136	24,482	32,366
Illinois	90.0	90.0	102.0	13.3	15.2	12.4	11,936	13,637	12,660
Indiana	53.4	64.0	77.0	15.2	13.1	16.2	8,095	8,389	12,457
Iowa	11.5	4.8	11.9	16.0	19.3	15.7	1,835	926	1,867
Kansas	11.3	4.8	11.5	11.6	16.5	11.0	1,309	793	1,263
Kentucky	13.0	16.5	15.0	13.9	13.3	14.1	1,811	2,196	2,118
Maine	85.0	70.0	82.0	15.4	13.1	18.8	13,124	12,646	15,444
Maryland	70.0	80.0	80.0	10.8	11.4	13.3	7,581	9,135	10,650
Massachusetts	97.0	97.0	85.0	16.9	18.6	20.8	16,403	18,063	17,655
Michigan	750.0	770.0	1,100.0	7.7	8.0	6.8	57,540	61,960	75,000
Minnesota	21.0	15.0	21.0	20.3	23.5	22.8	4,256	3,518	4,790
Missouri	45.0	40.0	62.0	15.2	16.9	15.5	6,836	6,754	9,600
New Hampshire	55.0	50.0	56.0	16.7	18.6	19.1	9,164	9,314	10,687
New Jersey	100.0	110.0	105.0	10.5	12.7	11.2	10,450	14,014	11,765
New Mexico	6.0	8.0	10.0	14.4	17.5	13.4	864	1,400	1,340
New York	1,100.0	1,020.0	1,004.0	9.8	11.2	7.0	107,430	114,027	70,220
North Carolina	415.0	360.0	300.0	6.3	6.6	6.0	26,195	23,853	18,117
Ohio	100.0	135.0	145.0	15.9	16.1	13.9	15,934	21,738	20,100
Oregon	155.0	130.0	170.0	10.0	10.1	12.5	15,570	13,114	21,330
Pennsylvania	500.0	575.0	550.0	8.5	9.2	8.3	42,425	52,877	45,500
Rhode Island	5.0	5.0	4.0	18.6	20.3	19.6	931	1,014	783
South Carolina	16.0	43.0	11.0	8.1	12.2	10.3	1,288	5,228	1,128
Tennessee	8.2	9.5	7.5	14.5	15.5	13.8	1,192	1,476	1,034
Utah	58.0	45.0	57.0	10.0	10.3	15.3	5,784	4,650	8,730
Vermont	48.0	41.0	47.0	14.4	14.5	15.9	6,921	5,965	7,473
Virginia	455.0	465.0	370.0	7.7	9.7	9.9	35,060	45,135	36,770
Washington	3,055.0	2,950.0	2,100.0	11.4	11.1	13.1	348,790	326,220	274,080
West Virginia	216.0	225.0	220.0	7.7	10.6	11.8	16,671	23,778	25,954
Wisconsin	55.0	51.0	57.0	16.6	22.0	15.0	9,152	11,199	8,528
United States	8,352.4	8,271.1	7,722.4	10.5	11.2	10.9	879,036	924,464	838,612

APPLES—UTILIZATION, PRICE—SELECTED STATES

	UTILIZATION (million pounds)				PRICE (dollars per ton)			
	1981	1982	1983	1984	1981	1982	1983	1984
California								
Canned	120.0	70.0	80.0	80.0	89.0	155.00	157.00	148.00
Juice/cider	314.0	246.0	212.0	190.0	59.00	133.00	120.00	109.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	28.0	17.0	17.0	30.0	80.00	134.00	156.00	133.00
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Proc.	462.0	333.0	309.0	300.0	68.00	138.00	132.00	122.00
Fresh	144.0	147.0	151.0	185.0	378.00	420.00	448.00	514.00
Michigan								
Canned	103.0	143.0	115.0	138.0	145.00	127.00	124.00	138.00
Juice/cider	216.0	367.0	278.0	253.0	120.00	86.00	94.00	92.00
Frozen	98.0	96.0	82.0	85.0	162.00	144.00	180.00	166.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	3.0	9.0	5.0	4.0	160.00	120.00	102.00	110.00
Total Proc.	420.0	615.0	480.0	480.0	136.00	105.00	116.00	118.00
Fresh	240.0	365.0	270.0	290.0	260.00	194.00	220.00	232.00
New York								
Canned	180.0	310.0	250.0	213.0	138.00	124.00	116.00	132.00
Juice/cider	214.0	303.0	343.0	310.0	110.00	95.00	84.00	84.00
Frozen	25.0	43.0	34.0	56.0	178.00	134.00	138.00	126.00
Dried	19.0	32.0	21.0	26.0	134.00	118.00	130.00	124.00
Other	12.0	32.0	17.0	14.0	164.00	159.00	147.00	146.00
Total Proc.	450.0	720.0	665.0	619.0	127.00	114.00	102.00	107.00
Fresh	350.0	410.0	435.0	401.0	420.00	290.00	338.00	402.00
Pennsylvania								
Canned	145.7	215.8	201.1	228.2	119.00	135.00	119.00	138.00
Juice/cider	97.4	118.4	116.9	132.2	93.00	102.00	84.00	96.00
Frozen	2.4	1.1	1.2	3.9	154.00	150.00	144.00	160.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	2.3	5.9	5.8	3.7	91.00	112.00	84.00	96.00
Total Proc.	247.8	341.2	325.0	368.0	109.00	123.00	106.00	122.00
Fresh	152.2	183.8	175.0	207.0	320.00	302.00	288.00	294.00
Virginia								
Canned	150.8	191.0	186.6	163.0	129.00	131.00	106.00	130.00
Juice/cider	105.8	109.0	127.5	94.0	104.00	101.00	78.00	88.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	12.0	2.5	9.5	12.0	87.00	87.00	92.00	92.00
Total Proc.	292.0	328.0	344.0	292.0	119.00	122.00	98.00	116.00
Fresh	173.0	172.0	111.0	173.0	356.00	330.00	328.00	326.00
Washington								
Canned	97.0	80.0	99.0	92.0	87.00	145.00	112.00	117.00
Juice/cider	430.0	331.0	440.0	432.0	65.00	112.00	85.00	70.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	27.0	25.0	30.0	46.0	96.00	76.00	130.00	154.00
Total Proc.	690.0	585.0	800.0	778.0	70.00	121.00	94.00	96.00
Fresh	2,070.0	2,030.0	2,255.0	2,172.0	268.00	214.00	276.00	266.00
West Virginia								
Canned	47.2	94.7	103.4	89.4	128.00	134.00	118.00	182.00
Juice/cider	35.0	41.2	40.5	36.7	106.00	102.00	84.00	88.00
Frozen	17.5	16.4	11.7	13.0	150.00	148.00	146.00	150.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	2.9	.5	2.5	1.0	138.00	106.00	100.00	108.00
Total Proc.	102.6	152.8	158.1	140.1	125.00	127.00	111.00	154.00
Fresh	97.4	87.2	57.9	84.9	338.00	294.00	270.00	306.00
United States								
Canned	1,002.4	1,248.6	1,200.8	1,168.8	121.00	132.00	117.00	137.00
Juice/cider	1,799.9	1,807.8	1,983.5	1,854.4	87.90	103.00	89.00	88.00
Frozen	172.7	190.8	169.6	198.1	160.00	143.00	161.00	151.00
Dried	190.0	209.9	283.3	283.6	77.10	132.00	106.00	123.00
Other	87.2	116.4	95.4	101.8	109.00	123.00	111.00	133.00
Total Proc.	3,252.2	3,573.5	3,732.6	3,606.7	102.00	118.00	103.00	111.00
Fresh	4,453.7	4,536.7	4,619.8	4,664.4	308.00	264.00	298.00	310.00

SWEET CHERRIES—UTILIZED* PRODUCTION, PRICE, VALUE

	1977	1978	1979	1980	1981	1982	1983	1984	1985
CALIFORNIA									
Fresh..... tons.....	20,600	11,000	18,000	30,400	24,000	9,700	12,900	27,600	19,350
Canned..... do.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brined..... do.....	5,900	n.a.	15,500	13,600	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used..... do.....	27,000	14,000	34,300	44,000	32,750	12,300	16,800	37,200	23,500
Price Per Ton-Fresh.....	\$638	\$1,070	\$890	\$720	\$801	\$1,536	\$973	\$804	\$1,160
Price Per Ton-Proc.....	\$396	\$797	\$714	\$424	\$492	\$707	\$555	\$352	\$529
Price Per Ton-All.....	\$581	\$1,012	\$806	\$629	\$718	\$1,361	\$876	\$687	\$1,049
Value..... \$1,000	15,687	14,168	27,646	27,676	23,529	16,737	14,717	25,569	24,641
COLORADO									
Total Used..... tons.....	550	150	.....	.....	.....	.....	.....	.....	.....
Value..... \$1,000	374	157	.....	.....	.....	.....	.....	.....	.....
IDAHO									
Total Used..... tons.....	2,050	2,500	3,000	3,100	1,900	2,060	1,650	2,400	2,100
Value..... \$1,000	943	1,728	1,647	2,099	1,363	1,311	961	1,105	2,065
MICHIGAN									
Fresh..... tons.....	1,500	2,000	1,500	2,000	1,500	2,000	2,000	3,000	3,000
Canned..... do.....	2,300	5,500	5,100	8,500	5,500	3,300	3,700	5,300	4,600
Brined..... do.....	19,600	22,800	19,300	17,100	12,000	15,900	9,000	17,600	19,200
Total Used..... do.....	25,000	37,500	27,000	29,000	23,000	25,500	18,000	31,000	31,000
Price Per Ton-Fresh.....	\$480	\$490	\$590	\$1,200	\$582	\$850	\$792	\$892	\$752
Price Per Ton-Proc.....	\$404	\$456	\$396	\$291	\$361	\$360	\$418	\$373	\$473
Price Per Ton-All.....	\$409	\$458	\$407	\$354	\$375	\$398	\$460	\$423	\$500
Value..... \$1,000	10,225	17,175	10,989	10,266	8,635	10,160	8,272	13,120	15,500
MONTANA									
Total Used..... tons.....	2,550	1,850	2,950	700	1,240	3,100	1,365	1,400	3,500
Value..... \$1,000	1,321	1,297	2,012	435	882	1,934	624	932	2,255
NEW YORK									
Total Used..... tons.....	1,800	3,500	4,050	4,600	1,050	3,200	3,000	2,200	1,900
Value..... \$1,000	994	1,901	1,810	2,070	653	1,946	1,706	1,248	1,396
OREGON									
Fresh..... tons.....	7,000	8,900	8,600	7,400	6,600	11,500	9,500	10,000	4,000
Canned..... do.....	4,800	4,400	5,800	3,700	3,100	4,900	4,700	2,300	3,700
Brined..... do.....	22,400	18,850	21,300	18,850	24,800	17,800	21,800	14,800	17,800
Total Used..... do.....	37,500	35,000	38,000	31,800	37,000	35,000	42,000	29,500	27,000
Price Per Ton-Fresh.....	\$518	\$700	\$570	\$610	\$732	\$890	\$604	\$548	\$861
Price Per Ton-Proc.....	\$407	\$607	\$537	\$466	\$503	\$483	\$451	\$462	\$579
Price Per Ton-All.....	\$428	\$630	\$544	\$500	\$544	\$617	\$486	\$491	\$621
Value..... \$1,000	16,050	22,050	20,672	15,900	20,122	21,586	20,396	14,489	16,761
PENNSYLVANIA									
Total Used..... tons.....	270	580	730	700	300	580	750	900	500
Value..... \$1,000	226	550	819	763	344	796	1,095	1,098	655
UTAH									
Total Used..... tons.....	4,700	2,400	4,200	4,100	4,380	2,070	4,300	3,850	2,100
Value..... \$1,000	2,167	1,836	2,516	2,464	2,785	1,762	2,808	1,881	1,624
WASHINGTON									
Fresh..... tons.....	34,800	39,400	47,500	37,200	31,800	36,100	63,500	42,500	20,200
Canned..... do.....	3,000	2,400	3,600	2,200	1,700	2,500	2,700	1,800	3,000
Brined..... do.....	3,400	12,900	12,800	5,300	7,200	7,100	7,100	5,600	7,700
Total Used..... do.....	47,000	59,300	67,600	48,300	44,400	50,800	80,900	55,800	35,300
Price Per Ton-Fresh.....	\$595	\$879	\$670	\$715	\$1,134	\$885	\$774	\$868	\$1,433
Price Per Ton-Proc.....	\$386	\$620	\$463	\$319	\$430	\$404	\$377	\$283	\$506
Price Per Ton-All.....	\$541	\$792	\$608	\$624	\$934	\$746	\$689	\$729	\$1,036
Value..... \$1,000	25,427	46,966	41,101	30,139	41,479	37,888	55,709	40,654	36,588
UNITED STATES									
Fresh..... tons.....	72,320	66,670	83,830	84,460	70,238	67,610	95,090	90,490	53,440
Canned..... do.....	10,540	12,800	14,550	14,400	10,300	10,700	11,100	9,400	11,300
Brined..... do.....	54,110	62,050	75,100	59,500	55,017	45,650	45,273	50,450	51,410
Other Proc.....	11,450	15,260	8,050	7,940	10,465	10,650	17,302	13,910	10,750
Total Used..... do.....	148,420	156,780	181,830	166,300	146,020	134,610	168,765	164,250	126,900
Price Per Ton-Fresh.....	\$554	\$867	\$709	\$724	\$939	\$968	\$785	\$799	\$1,192
Price Per Ton-Proc.....	\$399	\$555	\$509	\$375	\$447	\$427	\$430	\$377	\$515
Price Per Ton-All.....	\$495	\$688	\$601	\$552	\$683	\$699	\$630	\$609	\$800
Value..... \$1,000	73,414	107,828	109,212	91,812	99,792	94,120	106,288	100,096	101,485

*See note on following page.

TART CHERRIES—UTILIZED PRODUCTION*, PRICE, VALUE

	1977	1978	1979	1980	1981	1982	1983	1984	1985
TART VARIETIES									
New York									
Total Used tons..	5,900	9,450	13,650	15,200	3,500	10,500	11,500	12,650	11,250
Price per Ton Dollars	590	858	924	382	902	296	920	444	512
Value .....\$1,000	3,481	8,108	12,613	5,806	3,156	3,112	10,585	5,625	5,764
Pennsylvania									
Total Used tons..	1,600	3,100	3,150	2,800	4,000	2,750	4,250	4,500	3,000
Price per Ton Dollars	596	834	992	550	912	414	946	526	536
Value .....\$1,000	954	2,585	3,125	1,540	3,650	1,137	4,020	2,367	1,608
Ohio									
Total Used tons..	100	100	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Price per Ton Dollars	1,000	1,200	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Value .....\$1,000	100	120	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan									
Fresh tons..	2,000	1,500	1,000	2,000	1,000	2,500	1,000	2,500	2,500
Canned do..	23,000	17,000	14,500	26,000	13,500	27,500	9,000	27,000	22,500
Frozen do..	55,000	45,000	34,000	45,500	29,000	66,000	32,500	65,000	81,000
Total Used do..	81,000	64,000	50,000	74,500	44,000	97,500	43,500	97,500	107,500
Price per Ton Dollars	590	888	970	408	928	274	982	508	488
Value .....\$1,000	47,790	56,832	48,500	30,396	40,788	26,805	42,721	49,555	52,395
Wisconsin									
Total Used tons..	6,100	5,750	7,300	5,750	4,800	4,500	2,250	6,000	3,750
Price per Ton Dollars	578	912	902	372	896	260	992	488	414
Value .....\$1,000	3,526	5,244	6,585	2,139	4,305	1,171	2,232	2,922	1,549
Total Great Lakes									
Total Used tons..	96,300	82,400	74,100	98,250	56,300	115,250	61,500	120,650	125,500
Value .....\$1,000	56,804	72,889	70,823	39,881	51,899	32,225	59,558	60,469	61,316
Colorado									
Total Used tons..	1,150	650	850	900	300	200	800	500	850
Price per Ton Dollars	486	832	884	434	606	376	838	500	458
Value .....\$1,000	559	541	751	391	484	75	671	250	390
Utah									
Total Used tons..	5,600	5,650	8,500	6,450	6,800	4,500	11,500	6,000	10,500
Price per Ton Dollars	572	780	872	378	744	342	804	480	460
Value .....\$1,000	3,203	4,407	7,412	2,438	5,065	1,536	9,254	2,879	4,832
Oregon									
Total Used tons..	4,000	1,900	1,750	2,500	2,500	2,500	3,000	800	3,250
Price per Ton Dollars	584	788	868	406	644	324	674	508	480
Value .....\$1,000	2,336	1,497	1,519	1,015	1,612	809	2,023	406	1,560
Total Western States									
Total Used tons..	10,750	8,200	11,100	9,850	10,100	7,200	15,300	7,300	14,600
Value .....\$1,000	6,098	6,445	9,682	3,844	7,161	2,420	11,948	3,535	6,782
United States									
Fresh tons..	3,050	2,500	2,150	3,150	2,000	3,700	2,650	3,950	3,800
Canned do..	30,100	23,750	22,950	35,550	19,600	35,650	18,700	36,800	30,450
Frozen do..	69,650	63,150	58,150	67,700	43,750	80,400	52,600	83,300	103,400
Other Proc. do..	2,650	1,200	1,950	1,700	1,050	2,700	2,850	3,900	2,450
Total Used do..	105,450	90,600	85,200	108,100	66,400	122,450	76,800	127,950	140,100
Price per Ton Dollars	588	876	944	404	890	282	932	500	486
Value .....\$1,000	61,949	79,334	80,505	43,725	59,060	34,645	71,506	64,004	68,098

*Utilized Production is the amount sold plus quantities used at home or held in storage. Reference is to first utilization only. Some quantities used for freezing, juice, jam, jellies, brining, are included in state totals and United States "Other Proc." but excluded from state and area processing breakdown.

ORANGES—UTILIZED PRODUCTION, USE, PRICE, VALUE*

	1976	1977	1978	1979	1980	1981	1982	1983	1984
FLORIDA									
Temple									
Fresh	1,184	2,049	2,135	2,784	1,107	838	1,563	762	626
Processed	2,616	2,851	2,565	3,216	2,493	2,362	3,137	2,138	2,624
Total Prod.	3,800	4,900	4,700	6,000	3,600	3,200	4,700	2,900	3,250
Price per Box	3.39	5.35	6.49	4.57	6.00	5.89	5.97	7.41	8.11
Value of Prod.	12,882	26,215	30,503	27,420	21,595	18,862	28,056	21,489	26,357
Other Early & Midseason									
Fresh	6,131	5,750	6,325	6,476	5,788	4,929	6,067	4,939	4,418
Processed	108,869	82,550	84,875	111,424	99,812	69,071	64,133	64,761	50,582
Total Prod.	115,000	88,300	91,000	117,900	105,600	74,000	70,200	69,700	55,000
Price per Box	2.99	5.15	5.84	5.04	5.27	5.97	6.58	6.89	9.72
Value of Prod.	343,850	454,745	531,440	594,216	556,674	442,116	462,255	480,259	534,480
Valencia									
Fresh	2,747	4,216	5,376	4,514	2,488	2,691	4,253	2,701	2,234
Processed	69,053	75,284	67,624	84,286	64,312	49,109	65,147	44,299	46,666
Total Prod.	71,800	79,500	73,000	88,800	66,800	51,800	69,400	47,000	48,900
Price per Box	3.73	5.65	6.35	5.34	6.23	5.99	7.11	8.52	9.58
Value of Prod.	267,814	449,175	463,550	474,192	416,397	310,431	493,486	400,418	468,551
Total Florida									
Fresh	10,062	12,015	13,836	13,774	9,383	8,458	11,883	8,402	7,278
Processed	180,538	160,685	154,864	198,926	166,617	120,542	132,417	111,198	99,872
Total Prod.	190,600	172,700	168,700	212,700	176,000	129,000	144,300	119,600	107,150
Price per Box	3.28	5.39	6.36	5.15	5.65	5.98	6.82	7.54	9.61
Value of Prod.	624,546	930,135	1,025,493	1,095,828	994,666	771,409	983,797	902,166	1,029,388
CALIFORNIA									
Navel & Misc.									
Fresh	19,270	15,200	14,300	21,700	24,430	21,200	27,200	25,350	22,950
Processed	6,330	4,800	6,500	10,900	14,320	5,300	13,000	8,350	3,050
Total Prod.	25,600	20,000	20,800	32,600	38,750	26,500	40,200	33,700	26,000
Price per Box	3.66	5.99	7.05	3.93	4.01	7.22	4.61	5.57	11.37
Value of Prod.	93,696	119,800	146,640	128,118	155,341	191,436	185,328	187,721	295,601
Valencia									
Fresh	13,300	13,600	10,500	17,780	13,200	12,200	16,050	12,200	17,700
Processed	6,400	9,000	6,000	9,020	13,300	3,200	19,850	2,600	8,300
Total Prod.	19,700	22,600	16,500	26,800	26,500	15,400	35,900	14,800	26,000
Price per Box	3.94	5.76	6.67	3.75	5.15	11.51	3.66	14.22	8.79
Value of Prod.	77,618	130,176	110,055	100,500	136,456	177,304	131,371	210,440	228,428
Total California									
Fresh	32,570	28,800	24,800	39,480	37,630	33,400	43,250	37,550	40,650
Processed	12,730	13,800	12,500	19,920	27,620	8,500	32,850	10,950	11,350
Total Prod.	45,300	42,600	37,300	59,400	65,250	41,900	76,100	48,500	52,000
Price per Box	3.78	5.87	6.88	3.85	4.47	8.80	4.16	8.21	10.08
Value of Prod.	171,314	249,976	256,695	228,618	291,797	368,740	316,699	398,161	524,029
ARIZ. & TEX. †									
Fresh	5,720	5,805	3,740	4,280	4,530	5,440	5,885	2,900	1,930
Processed	5,130	3,915	5,560	3,250	2,400	3,550	3,595	1,410	520
Total Prod.	10,850	9,720	9,300	7,530	6,930	8,990	9,480	4,310	2,450
Price per Box	2.60	4.60	4.77	4.07	4.39	5.17	4.72	5.90	9.03
Value of Prod.	28,218	44,761	44,359	30,682	30,413	46,508	44,699	25,431	22,117
UNITED STATES									
Fresh	48,352	46,620	42,376	57,534	51,543	47,298	61,018	48,852	49,858
Processed	198,398	178,400	172,924	222,096	196,637	132,592	168,862	123,558	111,742
Total Prod.	246,750	225,020	215,300	279,630	248,180	179,890	229,880	172,410	161,600
Price per Box	3.34	5.44	6.16	4.85	5.30	6.60	5.85	7.69	9.75
Value of Prod.	824,078	1,224,872	1,326,547	1,355,128	1,316,876	1,186,657	1,345,195	1,325,758	1,575,534

*Season beginning year shown. Quantities are in units of 1,000 boxes. Price per Box in dollars, and Value of Production in thousands of dollars. Net weight per box—Florida-90 pounds; California and Arizona-75 pounds; Texas-85 pounds. † Arizona only beginning 1984.

PROCESSED FLORIDA ORANGES*

	1976	1977	1978	1979	1980	1981	1982	1983	1984
Frozen Conc.	148,731	132,222	130,183	174,883	145,309	105,150	114,627	94,547	86,112
Chilled Juice	27,250	25,345	22,793	24,428	19,640	16,293	18,084	16,981	14,903
Chilled Sec. & Salads	378	382	315	309	227	225	170	(a)	(a)
Other Processed	8,812	8,077	6,525	6,957	6,353	4,473	2,665	2,909	1,907
TOTAL	185,171	166,026	159,816	206,577	171,529	126,141	135,546	114,437	102,922

*Season beginning year shown. Quantities are in units of 1,000 boxes, net weight 90 lbs. per box. Includes tangelos, temples & honey tangerines thru 1974. Beginning 1975 also includes tangerines and K-Early citrus. (a) Included in "Other Processed".

GRAPEFRUIT—UTILIZED PRODUCTION, USE, PRICE, VALUE*

	1976	1977	1978	1979	1980	1981	1982	1983	1984
FLORIDA									
Pink Seedless									
Fresh	6,524	8,927	9,540	10,495	8,903	8,390	9,268	9,019	9,638
Processed	5,976	5,373	3,760	5,305	5,697	6,410	3,532	4,381	6,662
Total Prod	12,500	14,300	13,300	15,800	14,600	14,800	12,800	13,400	16,300
Price per Box, Fresh	2.99	3.14	4.29	5.76	6.98	6.24	5.70	6.65	8.08
Price per box, Proc				3.56	3.20	1.41	1.45	3.08	3.43
White Seedless									
Fresh	9,805	9,026	10,179	8,900	8,195	8,329	9,045	7,642	5,350
Processed	20,095	19,674	19,221	22,200	20,205	18,971	12,755	15,358	19,450
Total Prod	29,900	28,700	29,400	31,100	28,400	27,300	21,800	23,000	24,800
Price per box, Fresh	2.43	2.52	3.35	4.75	5.97	5.31	4.11	4.35	5.44
Price per box, Proc				4.13	4.29	2.39	1.97	3.16	3.98
Other Varieties									
Fresh	64	85	71	106	69	.....	.....	.....	.....
Processed	9,036	8,315	7,229	7,794	7,231	6,000	4,800	4,500	2,900
Total Prod	9,100	8,400	7,300	7,900	7,300	6,000	4,800	4,500	2,900
Price per box, Fresh	2.10	2.45	2.94	(a)	(a)	.....	.....	.....	.....
Price per box, Proc				4.19	4.17	2.43	2.00	3.41	4.03
Total Florida									
Fresh	16,393	18,038	19,790	19,501	17,167	16,719	18,313	16,661	14,988
Processed	35,107	33,362	30,210	35,299	33,133	31,381	21,087	24,239	29,012
Total Prod	51,500	51,400	50,000	54,800	50,300	48,100	39,400	40,900	44,000
Price per Box, Fresh	2.51	2.68	3.54	5.30	6.50	5.78	4.91	5.60	7.14
Price per Box, Proc				4.06	4.07	2.20	1.89	3.19	3.86
CALIFORNIA									
Desert Valleys									
Fresh	2,250	1,880	1,910	1,740	2,310	1,925	2,420	2,020	2,700
Processed	2,250	2,320	1,350	2,460	1,950	1,475	1,680	1,320	1,200
Total Prod	4,500	4,200	3,260	4,200	4,260	3,400	4,100	3,340	3,900
Price per Box, Fresh	1.83	1.73	3.64	4.66	7.19	5.28	4.70	6.68	9.33
Price per Box, Proc				.68	.97	.08	.12	.08	.38
Other Varieties									
Fresh	2,000	2,560	1,780	1,720	2,180	1,780	2,000	2,600	2,800
Processed	1,200	1,600	1,090	1,580	1,620	970	1,200	1,300	1,200
Total Prod	3,200	4,160	2,870	3,300	3,800	2,750	3,200	3,900	4,000
Price per Box, Fresh	2.94	5.24	6.48	6.66	8.03	5.28	6.34	6.72	9.76
Price per Box, Proc				.62	.57	-.02	.04	-.16	.35
Total California									
Fresh	4,250	4,440	3,690	3,460	4,490	3,705	4,420	4,620	5,500
Processed	3,450	3,920	2,440	4,040	3,570	2,445	2,880	2,620	2,400
Total Prod	7,700	8,360	6,130	7,500	8,060	6,150	7,300	7,240	7,900
Price per Box, Fresh	2.29	3.43	4.97	5.65	7.60	5.28	5.44	6.70	9.55
Price per Box, Proc				.66	.79	.04	.09	-.12	.37
TEXAS									
Fresh	6,480	6,600	4,000	4,200	4,650	7,230	7,800	2,860	(b)
Processed	5,920	5,300	5,000	3,700	2,050	6,670	3,400	340	(b)
Total Prod	12,400	11,900	9,000	7,900	6,700	13,900	11,200	3,200	(b)
Price per Box, Fresh	1.88	1.58	1.96	3.93	4.50	3.61	2.66	3.14	(b)
Price per Box, Proc				2.63	3.09	1.81	1.00	1.19	(b)
ARIZONA									
Fresh	1,435	1,200	1,050	1,320	1,600	1,110	1,620	1,545	2,660
Processed	1,565	1,800	1,200	1,680	1,200	1,290	1,080	725	1,040
Total Prod	3,000	3,000	2,250	3,000	2,800	2,400	2,700	2,270	3,700
Price per Box, Fresh	1.79	1.34	2.89	5.03	6.11	5.01	4.17	5.88	8.21
Price per Box, Proc				.68	1.00	.08	.12	-.08	1.09
UNITED STATES									
Fresh	28,558	30,278	28,530	28,481	27,907	28,764	32,153	25,686	23,148
Processed	46,042	44,382	38,850	44,719	39,953	41,786	28,447	27,924	32,452
Total Prod	74,600	74,660	67,380	73,200	67,860	70,550	60,600	53,610	55,600
Price per Box, Fresh	2.35	2.54	3.44	5.13	6.32	5.14	4.40	5.54	7.83
Price per Box, Proc				3.51	3.64	1.94	1.53	2.77	3.51

* Season beginning year shown. Quantities are in units of 1,000 boxes. Price per Box in dollars. Net weight per box — Florida, 85 pounds; Texas, 80 pounds; Calif. Desert Valleys and Arizona, 64 pounds; Other Calif., 67 pounds. (a) Insignificant and included with processed. (b) No commercial harvest due to freeze.

PROCESSED FLORIDA GRAPEFRUIT*

	1976	1977	1978	1979	1980	1981	1982	1983	1984
Frozen Conc	13,020	13,999	13,276	18,506	19,490	20,052	18,977	18,728	22,996
Chilled Juice	4,331	4,363	3,162	3,592	2,844	1,697	1,314	1,320	1,065
Chilled Sections & Salads	934	917	771	801	645	628	417	320	(a)
Other Processed	16,822	14,083	13,001	12,400	10,154	9,004	5,379	3,871	4,951
TOTAL	35,107	33,362	30,210	35,299	33,133	31,381	21,087	24,239	29,012

* Season beginning year shown. Quantities are in units of 1,000 boxes, net weight 85 lbs. per box. (a) Included with "Other Processed".

APRICOTS—UTILIZED PRODUCTION*, USE, PRICE, VALUE

	1977	1978	1979	1980	1981	1982	1983	1984	1985
WASHINGTON									
Fresh tons..	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Processed do..	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Total Used do..	2,600	2,700	2,500	2,500	1,300	2,900	2,900	3,400	2,400
Price per Ton Dollars	342	279	346	386	593	531	604	490	628
Value .....\$1,000	889	753	865	965	771	1,540	1,751	1,665	1,508
CALIFORNIA									
Fresh tons..	8,000	6,500	7,000	9,500	9,500	8,000	6,500	12,200	17,000
Canned do..	79,000	78,000	84,000	80,500	43,500	62,000	43,800	66,800	61,000
Dried do..	39,500	30,000	39,000	27,100	25,000	33,000	28,200	22,500	13,000
Frozen do..	10,500	8,500	10,000	7,900	8,500	12,000	11,000	11,500	12,000
Total Used do..	137,000	123,000	140,000	125,000	86,500	115,000	89,500	113,000	103,000
Price per Ton Dollars	207	247	265	288	308	299	306	302	259
Value .....\$1,000	28,359	30,381	37,037	36,000	26,615	34,337	27,404	34,178	26,650
UNITED STATES¹									
Fresh Tons..	11,960	9,200	10,890	13,130	12,230	10,810	10,550	15,780	19,980
Canned do..	79.0	78.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	141,300	126,200	144,200	129,000	89,380	118,060	93,800	117,080	106,330
Price per Ton Dollars	210	249	269	291	311	304	315	308	268
Value .....\$1,000	29,671	31,364	38,718	37,505	27,765	35,933	29,519	36,081	28,511

* Utilized production is the amount sold plus quantities used at home or held in storage. Reference is to first utilization only. In Washington, some quantities used for juice, jam, dried or frozen are included with canned, and some quantities canned or otherwise processed are included with fresh to avoid disclosure of individual operations. ¹Includes Utah. (a) Not published to avoid disclosure of individual operations. n.a.—Not available.

CRANBERRIES—UTILIZED PRODUCTION*, USE, PRICE†, VALUE

	1977	1978	1979	1980	1981	1982	1983	1984	1985
MASSACHUSETTS									
Fresh 1,000 bbl..	207.0	247.0	130.0	110.0	205.0	169.0	177.0	170.0	n.a.
Processed do..	576.0	833.0	880.0	1,016.0	875.0	998.0	1,217.0	1,442.0	n.a.
Shrinkage do..	92.0	100.0	70.0	59.0	92.0	120.0	27.0	51.0	n.a.
Production Used do..	875.0	1,180.0	1,080.0	1,185.0	1,172.0	1,287.0	1,421.0	1,663.0	1,680.0
Price per bbl Dollars	17.70	21.60	26.60	33.50	41.50	46.30	51.70	54.50	n.a.
Value .....\$1,000	15,488	25,488	28,728	39,698	48,639	59,588	73,466	90,634	91,560
Harvested Acres	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,300
Yield per Acre bbl..	78.1	105.4	96.4	105.8	104.6	114.9	126.9	148.5	148.7
NEW JERSEY									
Fresh 1,000 bbl..	.....	.....	.....	.....	.....	.....	n.a.	n.a.	n.a.
Processed do..	153.4	218.5	248.0	240.1	223.5	289.0	229.0	271.8	n.a.
Shrinkage do..	3.6	4.5	5.0	4.9	4.5	6.0	4.0	2.2	n.a.
Production Used do..	157.0	223.0	253.0	245.0	228.0	295.0	233.0	274.0	320.0
Price per bbl Dollars	18.80	21.70	26.90	33.20	41.60	46.80	52.40	55.10	n.a.
Value .....\$1,000	2,952	4,839	6,806	8,134	9,485	13,806	12,209	15,097	17,632
Harvested Acres	3,000	3,000	3,000	2,900	2,900	3,000	3,100	3,200	3,300
Yield per Acre bbl..	52.3	74.3	84.3	84.5	78.6	98.3	75.2	85.6	97.0
WISCONSIN									
Fresh 1,000 bbl..	157.0	142.0	153.0	216.0	265.0	314.0	131.0	114.0	n.a.
Processed do..	554.0	652.0	720.0	821.0	665.0	953.0	958.0	1,058.0	n.a.
Shrinkage do..	143.0	28.0	28.0	43.0	38.0	33.0	43.0	28.0	n.a.
Production Used do..	854.0	822.0	901.0	1,080.0	968.0	1,300.0	1,132.0	1,200.0	1,163.0
Price per bbl Dollars	18.30	21.30	26.70	32.80	41.30	47.10	52.20	54.10	n.a.
Value .....\$1,000	15,628	17,509	24,057	35,424	39,988	61,251	59,107	64,960	62,913
Harvested Acres	6,400	7,000	7,100	7,200	7,100	7,200	7,300	7,400	7,500
Yield per Acre bbl..	133.4	117.4	126.9	150.0	136.3	180.6	115.1	162.2	155.0
WASHINGTON									
Fresh 1,000 bbl..	41.5	15.0	18.5	.....	9.5	11.0	13.3	9.8	n.a.
Processed do..	91.1	119.7	125.4	100.8	117.9	76.0	109.3	90.7	n.a.
Shrinkage do..	3.4	4.3	3.1	3.2	1.6	5.0	2.4	2.5	n.a.
Production Used do..	136.0	139.0	147.0	104.0	129.0	92.0	125.0	103.0	166.0
Price per bbl Dollars	18.90	21.70	26.70	33.10	41.70	47.10	52.50	55.40	n.a.
Value .....\$1,000	2,570	3,016	3,925	3,442	5,379	4,333	6,562	5,706	9,196
Harvested Acres	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Yield per Acre bbl..	123.6	126.4	133.6	94.5	117.3	83.6	113.6	93.6	150.9

* Does not include quantities set aside under marketing order or other quantities not utilized. Marketing order set asides exported however are included. † Equivalent returns at first delivery point. ¹Season average prices not available, 1984 prices used to compute 1985 value.

CRANBERRIES—UTILIZED PRODUCTION*, USE—Continued

	1977	1978	1979	1980	1981	1982	1983	1984	1985
OREGON									
Fresh 1,000 bbl..	.....	.....	.5	.1	.1	.1	n.a.	n.a.	n.a.
Processed do..	79.5	94.5	93.6	81.7	95.7	64.8	74.8	82.0	n.a.
Shrinkage do..	.7	.....	.4	1.7	.2	.1	.2	n.a.	n.a.
Production Used do..	80.2	94.5	94.5	83.5	96.0	65.0	75.0	82.0	97.0
Price per bbl Dollars	18.90	21.70	26.70	33.10	41.70	47.10	52.50	55.40	n.a.
Value .....\$1,000	1,516	2,051	2,523	2,764	4,003	3,062	3,938	4,543	5,374
Harvested Acres	840	860	800	790	850	810	850	920	1,000
Yield per Acre bbl..	95.5	115.2	118.1	105.7	112.9	80.2	88.2	89.1	97.0
UNITED STATES									
Fresh 1,000 bbl..	405.5	404.0	302.0	326.1	479.6	494.1	321.3	293.8	n.a.
Processed do..	1,454.0	1,917.7	2,067.0	2,259.6	1,977.1	2,380.8	2,588.1	2,944.5	n.a.
Shrinkage do..	242.7	136.8	106.5	111.8	136.3	164.1	76.6	83.7	n.a.
Production Used do..	2,102.2	2,458.5	2,475.5	2,697.5	2,593.0	3,039.0	2,986.0	3,322.0	3,426.0
Price per bbl Dollars	18.16	21.59	26.70	33.20	41.50	46.70	52.00	54.50	n.a.
Value .....\$1,000	38,154	52,903	66,039	89,462	107,494	142,050	155,282	180,940	186,680
Harvested Acres	22,540	23,160	23,200	23,190	23,150	23,310	23,550	23,820	24,200
Yield per Acre bbl..	93.3	106.3	106.7	116.3	112.0	130.4	126.8	139.5	141.6

See notes on preceding page.

CALIFORNIA OLIVES — UTILIZED PRODUCTION, PRICE, VALUE

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Fresh Tons..	600	800	500	300	300	500	400	400	500
Crushed/Oil do..	2,300	7,300	1,600	3,500	2,000	2,500	600	(a)	(a)
Canned do..	32,300	99,100	52,300	76,800	37,900	98,000	48,000	89,700	97,400
Other ¹ do..	7,800	18,800	7,600	28,400	4,700	45,500	12,000	500	1,100
Total Used do..	43,000	126,000	62,000	109,000	44,900	146,500	61,000	90,600	99,000
Price per Ton\$.	403	303	408	368	695	517	519	552	465
Value .....\$1,000	17,329	38,178	25,296	40,137	31,222	75,795	31,641	49,990	46,063

¹Beginning in 1984 California Spanish Green, Sicilian Styles, chopped, minced, brined and other cures formerly included in "other" are included in "Canned". (a) Included in "other".

PEACHES — UTILIZED PRODUCTION, PRICE, VALUE

	1977	1978	1979	1980	1981	1982	1983	1984	1985
California — Clingstone									
Fresh Mil. Lbs.	4.0	4.6	2.4	2.2	3.0	2.0	.....	.....	.....
Canned do..	1,379.0	1,094.0	1,299.2	1,376.1	1,086.3	920.0	614.5	952.0	910.0
Dried do..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frozen do..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other do..	10.0	11.4	8.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	1,393.0	1,110.0	1,310.0	1,382.0	1,106.0	943.0	619.0	966	917.5
Price per lb cents	7.00	8.10	8.90	9.40	10.40	9.20	9.00	10.00	11.0
Value .....\$1,000	97,510	89,910	116,590	129,908	115,072	86,820	55,710	96,600	100,925
California — Freestone									
Fresh Mil. Lbs.	254.0	224.0	274.0	290.0	286.0	266.0	303.0	313.0	315.0
Canned do..	76.0	65.0	74.0	78.0	42.2	40.0	36.0	36.0	50.0
Dried do..	42.0	35.0	33.0	34.0	34.8	45.0	36.0	28.0	32.5
Frozen do..	96.0	n.a.	n.a.	n.a.	71.0	64.0	60.0	80.0	88.5
Other do..	.....	.....	.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	468.0	394.0	468.0	476.0	434.0	415.0	435.0	457.0	486.0
Price per lb cents	8.90	11.50	10.90	9.90	12.30	10.60	11.30	9.8	11.4
Value .....\$1,000	41,652	45,310	51,012	47,124	53,556	43,861	49,041	44,798	55,179
Total California									
Fresh Mil. Lbs.	258.0	228.6	276.4	292.2	289.0	268.0	303.0	313.0	315.0
Canned do..	1,455.0	1,159.0	1,373.2	1,454.1	1,128.5	960.0	650.5	988.0	960.0
Dried do..	42.0	35.0	33.0	34.0	34.8	45.0	36.0	28.0	32.5
Frozen do..	96.0	n.a.	n.a.	n.a.	n.a.	64.0	60.0	80.0	88.5
Other do..	10.0	11.4	8.4	n.a.	n.a.	21.0	4.5	14.0	7.5
Total Used do..	1,861.0	1,504.0	1,778.0	1,858.0	1,540.0	1,358.0	1,054.0	1,423.0	1,403.5
Price per lb cents	7.48	8.99	9.43	9.96	10.94	9.62	9.94	9.94	11.1
Value .....\$1,000	139,162	135,220	167,602	177,032	168,628	130,681	104,751	141,398	156,104
United States									
Fresh Mil. Lbs.	1,144.0	1,135.8	1,250.5	1,324.1	1,331.0	976.9	967.1	1,286.9	927.8
Canned do..	1,504.7	1,230.8	1,427.6	1,498.3	1,173.7	983.9	675.4	1,028.5	981.8
Dried do..	42.0	35.0	33.0	34.0	34.8	45.0	36.0	28.0	32.5
Frozen do..	109.8	69.8	93.5	77.1	78.3	70.5	64.2	89.0	93.3
Other do..	25.2	44.3	29.6	20.6	22.0	25.6	11.0	35.5	12.0
Total used do..	2,825.7	2,515.7	2,834.2	2,954.1	2,639.8	2,101.9	1,753.8	2,467.9	2,047.4
Price per lb cents	9.83	12.00	11.60	12.4	13.3	14.40	14.80	13.0	15.1
Value .....\$1,000	277,789	301,143	329,536	367,170	351,610	302,550	259,801	320,671	308,532

PEACHES—UTILIZED PRODUCTION, PRICE, VALUE

State	Utilized Production			Price Per Pound			Value of Utilized Prod.		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
	Million pounds			Cents			1,000 Dollars		
Alabama	14.0	22.0	1.5	19.6	14.4	30.5	2,744	3,168	458
Arkansas	20.0	21.0	4.5	18.5	16.9	17.2	3,708	3,554	776
California									
Freestone	435.0	457.0	486.0	11.3	9.8	11.4	49,041	44,798	55,179
Colorado	9.5	12.0	15.0	23.1	25.4	26.0	2,195	3,048	3,900
Connecticut	2.6	2.7	3.0	46.0	40.0	41.0	1,196	1,080	1,230
Delaware	2.0	1.6	1.2	20.1	22.0	26.2	402	352	314
Georgia	92.0	134.0	83.0	25.1	14.8	24.6	23,083	19,885	20,426
Idaho	10.0	7.5	10.0	17.9	17.2	19.6	1,790	1,290	1,960
Illinois	13.0	16.0	¹	26.9	22.4	¹	3,493	3,577	¹
Indiana	5.5	.7	¹	31.4	34.2	¹	1,727	239	¹
Kansas	4.0	2.5	3.0	29.2	32.0	25.1	1,168	800	753
Kentucky	6.0	3.0	¹	31.0	24.0	¹	1,860	720	¹
Louisiana	6.0	7.0	6.0	37.0	35.0	33.0	2,220	2,450	1,980
Maryland	22.0	18.0	1.0	19.5	19.3	26.2	4,300	3,472	262
Massachusetts	1.7	1.9	2.1	46.0	40.0	41.0	782	760	861
Michigan	35.0	45.0	55.0	21.5	17.1	20.9	7,526	7,700	11,515
Mississippi	4.0	5.0	2.5	24.4	24.0	35.0	976	1,200	875
Missouri	12.0	13.0	¹	22.0	17.0	¹	2,640	2,210	¹
New Jersey	100.0	50.0	90.0	25.4	28.6	28.3	25,411	14,310	25,454
New York	17.0	11.0	17.0	23.2	27.4	23.3	3,946	2,911	3,963
North Carolina	12.0	35.0	2.0	26.2	13.7	25.0	3,144	4,810	500
Ohio	7.0	¹	¹	28.0	¹	¹	1,960	¹	¹
Oklahoma	7.5	9.0	8.0	23.4	24.0	23.3	1,755	2,160	1,864
Oregon	12.0	13.0	14.5	23.0	28.5	29.0	2,755	3,710	4,199
Pennsylvania	94.0	85.0	37.4	16.8	19.3	25.1	15,834	16,402	9,376
South Carolina	80.0	400.0	220.0	20.1	13.4	20.2	16,115	53,464	44,524
Tennessee	4.0	9.0	¹	22.0	21.0	¹	880	1,890	¹
Texas	23.0	21.0	26.0	28.0	26.0	28.0	6,440	5,460	7,280
Utah	12.0	12.0	10.5	15.0	15.0	17.0	1,800	1,800	1,785
Virginia	24.0	32.0	1.7	18.0	14.4	22.1	4,330	4,611	376
Washington	29.0	38.0	29.0	21.5	24.3	26.9	6,244	9,239	7,797
West Virginia	19.0	17.0	¹	13.8	17.1	¹	2,626	2,901	¹
Total Above	1,134.8	1,501.9	1,129.9	18.0	14.9	18.4	204,091	224,071	207,607
California									
Clingstone	619.0	966.0	917.5	9.0	10.0	11.0	55,710	96,600	100,925
U.S.	1,753.8	2,467.9	2,047.4	14.8	13.0	15.1	259,801	320,671	308,532

¹ No significant commercial production due to frost.

PEARS — UTILIZED PRODUCTION, USE, PRICE, VALUE

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Eastern & Central ¹ — All Varieties									
Fresh 1,000 Tons	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do	34.2	33.8	31.3	35.0	30.6	36.1	31.2	35.6	27.8
Price per Ton Dollars	217.00	223.00	211.00	241.00	242.00	234.00	274.00	246.00	261.00
Value 1,000 \$	7,435	7,521	6,589	8,434	7,426	8,441	8,562	8,744	7,244
California — Bartlett									
Fresh 1,000 Tons	61.0	43.0	51.0	72.0	70.0	81.0	44.7	66.3	68.5
Canned do	257.4	232.7	293.9	306.9	288.8	225.8	214.8	223.2	213.5
Dried do	7.6	5.3	10.1	8.1	7.2	7.2	[†]	[†]	[†]
Total Used do	326.0	281.0	355.0	387.0	366.0	314.0	259.5	289.5	282.0
Price per Ton Dollars	134.00	219.00	197.00	185.00	176.00	148.00	142.00	176.00	239.00
Value 1,000 \$	43,684	61,539	69,935	71,496	64,514	46,410	36,812	51,007	65,803

See notes next page.

PEARS — UTILIZED PRODUCTION, USE, PRICE, VALUE — Continued

	1977	1978	1979	1980	1981	1982	1983	1984	1985
California — Other Varieties									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used do..	8.6	7.3	9.8	10.7	10.0	7.5	8.2	10.0	10.5
Price per Ton ...Dollars	165.00	278.00	208.00	159.00	177.00	234.00	331.00	253.00	373.00
Value 1,000\$	1,419	2,029	2,038	1,699	1,770	1,754	2,718	2,527	3,921
Total California									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total do..	334.6	288.3	364.8	397.7	376.0	321.5	267.7	299.5	292.5
Price per Ton ...Dollars	134.80	221.00	197.00	184.00	176.00	150.00	148.00	179.00	238.00
Value 1,000\$	45,103	63,568	71,973	73,195	66,286	48,164	39,530	53,534	69,724
Washington — Bartlett									
Fresh 1,000 Tons..	35.0	39.9	36.3	32.9	42.4	44.6	56.4	24.5	33.3
Canned† do..	103.0	72.1	116.7	110.1	102.1	96.7	84.4	76.5	77.7
Dried do..	†	†	†	†	†	†	†	†	†
Total used do..	138.0	132.0	153.0	143.0	144.5	141.3	140.8	101.0	111.0
Price per ton ...Dollars	124.00	205.00	180.00	185.00	147.00	154.00	180.00	218.00	246.00
Value 1,000\$	17,112	27,060	27,540	26,459	21,303	21,736	25,325	21,996	27,317
Washington — Other varieties									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used do..	86.0	114.0	93.0	113.0	130.8	123.5	138.0	103.0	114.0
Price per Ton ...Dollars	208.00	228.00	269.00	249.0	260.00	245.00	171.00	325.00	319.00
Value 1,000\$	17,888	25,992	25,017	28,112	34,049	30,269	23,648	33,432	36,348
Total Washington									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used do..	224.0	246.0	246.0	256.0	275.3	264.8	278.8	204.0	225.0
Price per ton ...Dollars	156.00	216.00	214.00	213.00	201.00	196.00	176.00	272.00	283.00
Value 1,000\$	35,000	53,052	52,557	54,571	55,352	52,005	48,973	55,428	63,665
Oregon — Bartlett									
Fresh 1,000 Tons..	13.8	13.0	16.1	13.0	23.8	24.5	22.0	12.7	17.0
Canned† do..	65.2	42.5	68.9	67.0	61.2	45.5	41.0	31.3	58.0
Dried do..	†	†	†	†	†	†	†	†	†
Total Used do..	79.0	55.5	85.0	80.0	85.0	70.0	63.0	44.0	75.0
Price per Ton ...Dollars	102.00	195.00	172.00	170.00	115.00	130.00	149.00	217.00	208.00
Value 1,000\$	8,058	10,823	14,620	13,604	9,805	9,104	9,400	9,569	15,636
Oregon — Other Varieties									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	100.0	96.0	120.0	120.0	117.0	105.0	125.0	106.0	110.0
Price per Ton ...Dollars	166.00	237.00	224.00	202.00	224.00	268.00	188.00	288.00	339.00
Value 1,000\$	16,600	22,752	26,880	24,288	26,228	28,142	23,473	30,542	37,315
Total Oregon									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	179.0	151.5	205.0	200.0	202.0	175.0	188.0	150.0	185.0
Price per Ton ...Dollars	138.00	222.00	202.00	189.00	178.00	213.00	175.00	267.00	286.00
Value 1,000\$	24,658	33,575	41,500	37,892	36,033	37,246	32,873	40,111	52,951
Total Western*									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	750.3	589.5	822.9	861.3	863.4	766.6	743.3	661.2	710.9
Price per Ton ...Dollars	143.00	219.00	204.00	194.00	185.00	181.00	166.00	228.00	265.00
Value 1,000\$	107,311	151,203	167,706	167,398	159,895	138,738	123,302	150,986	188,369
United States									
Fresh 1,000 Tons..	303.2	297.1	300.1	345.1	378.0	368.1	384.5	324.1	347.9
Canned† do..	481.3	426.2	554.1	561.3	516.0	434.6	390.0	372.7	390.8
Dried do..	†	†	†	†	†	†	†	†	†
Total Used do..	784.5	723.3	854.2	896.4	894.0	802.7	774.5	696.8	738.7
Price per Ton ...Dollars	146.00	219.00	204.00	196.00	187.00	183.00	170.00	229.00	265.00
Value 1,000\$	114,746	158,724	174,295	175,832	167,321	147,179	131,864	159,730	195,613

*Includes Conn., N.Y., Pa., and Mich. †Some Quantities otherwise processed may be included with canned to avoid disclosure of individual operations. *Includes Idaho, Colo., Utah, Wash., Ore., Calif.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section VIII U. S. PACK STATISTICS

The canned fruit and vegetable packs published herein are taken from reports of the Nat'l Food Processors Assn. and represent packs of all known Cannerys of the products.

GLASS - Although the pack in glass containers has been reported separately wherever feasible, it has been combined, in most instances, with that of tin containers of the same approximate size. When tin and glass are combined, or when two or more container sizes are combined, the order of listing indicates the relative importance of each.

The Frozen Food pack statistics were compiled by the American Frozen Food Institute. Data represent only the commercial pack and do not include production in frozen food locker plants nor custom freezing for industrial users.

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CANNED VEGETABLE PACKS

REGIONAL DEFINITIONS - With the 1984 pack reports NFPA established the following regional definitions for all NFPA statistical reports (and adjusted 1982 and 1983 figures accordingly):

EAST - ME, NH, VT, MA, CT, RI, NY, PA, NJ, DE, MD, VA, WV

SOUTH - NC, SC, GA, FL, AL, ME, TN, AR, LA, OK, TX, KY

MIDWEST - OH, IN, MI, IL, WI, MN, IA, MO, ND, SD, NE, KS

WEST - WA, OR, CA, ID, NV, MT, WY, UT, CO, AZ, AK, NM, HI

The uninitiated will no longer be able to determine the major packing states of a specific commodity from these tables. To make this determination, Almanac users are referred to Section VII "Raw Product Statistics".

SUMMARY OF CANNED VEGETABLE PACKS

PLEASE NOTE: The vegetable packs in this section are rounded to the nearest thousand cases. Column totals therefore will not necessarily agree exactly with totals shown. In comparing yearly totals, notice the declining number of products included as result of discontinued reports.

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Asparagus.....	3,609	3,705	3,382	2,819	2,535	2,844	2,727	2,549	2,928	3,097
Beans, green.....	44,027	50,952	53,229	62,624	54,769	49,797	46,335	44,227	49,566	53,229
Beans, wax.....	3,394	3,541	3,892	3,657	3,384	3,012	2,496	2,279	2,523	2,274
Beans, Lima.....	2,812	2,657	3,356	3,061	2,833	2,602	2,275	2,338	2,316	1,906
Beets(a).....	9,201	11,289	12,973	15,103	10,878	9,657	10,868	9,039	9,292	P
Carrots(a).....	5,221	6,586	6,250	7,267	4,365	5,251	5,932	4,695	5,100	P
Carrots & Peas...	1,894	1,658	1,765	2,096	1,624	1,360	D	D	D	D
Corn, sweet.....	54,694	56,300	57,907	60,022	50,574	57,949	60,522	51,595	56,879	55,729
Leafy greens.....	3,125	2,632	2,880	3,195	2,624	2,120	1,584	D	D	D
Okra.....	204	225	257	436	391	264	359	D	D	D
Okra & Tom.....	163	261	187					D	D	D
Peas, field.....	1,875	2,223	2,364	2,542	1,965	2,895	1,998	D	D	D
Peas, green.....	21,927	30,238	25,269	36,492	30,056	27,296	24,790 (c)	20,827	23,312	29,306
Pimientos.....	702	407	376	530	540	608	756	D	D	D
Potatoes, swt(a)...	7,960	7,194	9,436	9,174	5,917	7,955	7,049	5,315	5,283	6,131
Potatoes, wht(a)...	6,201	7,126	6,693	6,517	5,857	7,103	5,714	D	D	D
Pump. & Sq.....	5,500	2,962	3,353	3,997	3,744	3,975	4,404	D	D	D
Sauerkraut (a)...	9,409	9,419	9,509	9,016	8,173	8,686	8,417	5,844	7,011	P
Spinach (a).....	6,304	7,108	6,214	8,121	6,314	5,458	D	D	D	D
Succotash (b)....	168	209	142	771	828	777	D	D	D	D
Tomatoes.....	42,806	54,124	49,241	52,896	53,096	51,937	63,089	61,561	66,376	59,585
T. Juice.....	32,155	27,844	33,920	31,517	27,617	17,507	23,955	D	D	D
T. Chili Sc.....	1,955	1,776	2,834	1,977	2,038	1,680	1,826	1,665	1,965	2,086
T. Puree.....	8,377	9,824	8,425	10,395	8,141	6,900	9,788	8,703	(d)	(d)
Total 303's.....	283,682	300,260	303,834	334,211	288,263	277,633	284,884	220,637	232,551	P
Total 2's.....	232,619	246,213	248,775	274,721	236,952	228,214	234,175	181,364	191,157	P
Total a/c.....	256,243	267,650	268,659	294,836	255,389	248,611	248,882	191,396	204,222	P
*Products in tots.	24	24	24	24	24	24	21	13	12	P

(D) Reports discontinued to avoid disclosure.
shown. (b) Single & triple. c - corrected.
not available.

(P) Not available at press time. (a) Pack beginning year
(d) Total U.S. figure discontinued, 303 conversion for Calif.

THE 1986-87 DIRECTORY OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

FOR FOOD BUYERS, The Directory is the ideal source book. It's the easy way to find new sources for basic food products, and to find new products to spruce up your menu, or fill out your product line. Any old directory will give you a basic list of food processors, but no other will give you our kind of detail about each company, and none are as well planned for quick and easy use. And where do you turn when you want a special product, something out of the ordinary? Where do you find banana nectar, New Orleans style kidney beans, ratatouille, chicken aloha, kippered sockeye, moo-shu pork, cranberry sauce w/burgundy wine, pierogi, and a host of other specialties? We've got 'em - plus all the information about the packer that you need to do business with him efficiently and intelligently.

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ASPARAGUS PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans.

1940 3,974	1946 5,583	1952 5,312	1958 7,540	1964 8,217	1970 5,913
1941 3,907	1947 4,677	1953 4,902	1959 7,086	1965 7,208	1971 5,542
1942 5,138	1948 4,417	1954 6,073	1960 7,971	1966 7,896	1972 5,860
1943 4,710	1949 5,390	1955 7,623	1961 8,357	1967 6,638	1973 5,794
1944 5,114	1950 5,531	1956 6,615	1962 9,053	1968 6,925	1974 5,643
1945 5,302	1951 5,850	1957 7,093	1963 9,263	1969 6,817	1975 3,551

*Green asparagus only beginning in 1971.

GREEN ASPARAGUS PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Season beginning March 1 of Year Shown)

Units per case & Sz. of Cont.	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8Z	376	430	507	299	248	190	(c)	(c)	(c)	(c)
48/1 Pic	537	390	399	405	312	265	348	298	313	(c)
24/300-300 cyl. ...	2,549	2,472	2,179	1,781	1,775	1,935	1,673	1,510	1,870	2,071
24/15z	126	131	114	145	(a)	(a)	(a)	(a)	(a)	(a)
6/5 Squat	119	143	84	113	76	(b)	(b)	(b)	(b)	50
6/10	136	208	196	178	104	127	159	219	217	36
Misc. T&G	84	146	107	19	13	16	261	238	149	595
Total Act. Cs	3,800	3,914	3,603	2,909	2,673	2,533	2,441	2,265	2,548	2,752
Total bas. 303's ..	3,609	3,705	3,382	2,819	2,535	2,844	2,727	2,549	2,928	3,097

(a) Included in 24/300. (b) Included in 6/10. (c) Included in Misc. (24/10½ & 12/12½-13).

GREEN ASPARAGUS PACKS BY STATE & STYLE

(Thousands of Actual Cases—Figures Rounded—Season Beginning March of Year Shown)

BY STATE	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East	218	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....
Illinois	356	407	363	318	(a)	(a)	(a)	(a)	(b)	(b)
Michigan	777	917	1,104	744	638	553	640	777	(b)	(b)
Midwest .....	.....	.....	.....	.....	.....	.....	.....	.....	1,137	1,054
Wash. & Ore.	1,462	1,544	1,514	1,302	1,253	1,377	1,355	1,146	(c)	(c)
California	740	742	330	(a)	(a)	(a)	(a)	(a)	(c)	(c)
West .....	.....	.....	.....	.....	.....	.....	.....	.....	1,392	1,698
Other	246	304	292	545	415	603	446	342	19	.....
Total	3,800	3,914	3,603	2,909	2,673	2,533	2,441	2,265	2,548	2,752
BY STYLE										
Spears & Points. .	1,974	2,061	1,487	1,079	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cut	1,720	1,741	2,000	1,772	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cuts, Tps Rm	106	112	116	58	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

(a) In "Other". (b) In Midwest. (c) In West. n.a. Not available.

ASPARAGUS CARRYOVER—PACK—STOCK—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season Beginning Year Shown)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Carryover 3/1	1,168	312	668	1,026	1,093	707	594	797	685	673
Pack	3,800	3,914	3,603	2,909	2,673	2,533	2,441	2,265	2,548	2,752
Tot. Cmer. Sup ...	4,968	4,226	4,272	3,935	3,766	3,240	3,036	3,063	3,233	3,425
CANNERS STOCKS										
Jan. 1	885	1,129	1,511	1,633	1,243	993	1,149	1,070	1,068	1,272
March 1	312	668	1,026	1,093	707	594	797	685	673	785
CANNER SHIPMENTS										
Mar. 1 to Jan. 1.	4,083	3,097	2,761	2,302	2,523	2,248	1,887	1,993	2,165	2,153
Jan. 1 to Mar. 1.	573	461	485	540	536	398	352	385	396	487
Mar. 1 to Mar. 1.	4,656	3,558	3,246	2,842	3,059	2,646	2,238	2,378	2,561	2,640
EXPORTS**	116	105	148	176	188	205	112	99	89	65
GOV. PURCHASES**										
Armed Forces.	8.3	.....	65.5	19.1	26.8	.....	37.8	23.3	43.2	21.4
USDA .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vet. Adm.	21.8	34.3	25.9	22.4	21.0	18.0	n.a.	n.a.	n.a.	n.a.

**Basis 1,000 cases 24/303, season beginning year shown. Calendar year for exports. n.a. Not available.

GREEN BEAN PACKS IN THE U.S.

Thousands of Cases, basis 24 No. 303 Cans.

1926	4,157	1935	7,358	1944	20,307	1953	23,902	1962	32,601	1971	45,213
1927	4,924	1936	6,924	1945	19,534	1954	29,137	1963	34,049	1972	44,383
1928	6,377	1937	10,591	1946	20,077	1955	25,521	1964	33,087	1973	50,887
1929	8,839	1938	1,111	1947	13,296	1956	25,598	1965	41,024	1974	57,971
1930	8,222	1939	8,953	1948	15,477	1957	27,292	1966	36,564	1975	51,466
1931	5,943	1940	10,406	1949	22,142	1958	29,118	1967	48,150	1976	44,027
1932	4,191	1941	14,241	1950	23,212	1959	27,473	1968	47,136	1977	50,952
1933	5,910	1942	26,374	1951	20,797	1960	29,292	1969	42,481	1978	53,229
1934	6,292	1943	25,203	1952	16,848	1961	36,107	1970	43,189	1979	62,624

GREEN BEAN PACKS BY REGION*

Calendar Year. Thousands of Actual* Cases.

REGION*	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East	6,215	9,257	10,147	n.a.	n.a.	6,625	7,925	5,763	5,267	5,986
Midwest	21,061	23,198	22,812	n.a.	n.a.	26,059	25,559	25,263	28,613	31,704
South	3,950	5,246	5,702	n.a.	n.a.	5,088	3,021	3,423	4,343	3,590
West	9,781	9,151	9,843	n.a.	n.a.	7,467	5,940	5,910	6,192	6,392
Tot. actual cases	41,007	46,852	48,504	55,865	49,904	45,240	42,446	40,348	44,415	47,673
Tot. basis 303's	44,027	50,952	53,229	62,624	54,769	49,797	46,335	44,227	49,566	53,229

GREEN BEAN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units per Case & Size of Cont.	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8Z	3,062	3,614	3,557	4,125	3,667	2,763	3,176	3,149	3,473	2,575
24/300-303	30,252	33,492	34,161	37,393	34,967	32,703	30,432	28,302	29,685	33,980
24/2½	651	932	959	967	709	1,092	(b)	440	(b)	(b)
6/10	6,458	8,282	9,212	12,928	9,787	8,120	7,665	8,134	9,935	10,102
Misc. Tin & Gl	584	532	615	454	775	561	1,173	323	1,321	1,015
Total	41,007	46,852	48,504	55,865	49,904	45,240	42,446	40,348	44,415	47,673

GREEN BEAN PACKS BY STYLE AND QUALITY

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Whole	2,338	2,463	2,272	2,672	2,035	1,537	1,889	1,318	1,750	1,972
Fr. Style	9,994	12,112	11,488	12,171	10,951	9,401	10,495	9,590	9,761	10,577
Fancy Cut	19,781	21,460	23,392	28,192	25,368	22,786	20,532	19,309	22,279	24,753
Ex. Std. Cut	6,251	7,439	7,512	9,076	8,539	8,996	6,633	7,452	7,979	8,063
Std. cut	2,643	3,378	3,341	3,754	3,011	2,530	2,898	2,679	2,645	2,317
Total	41,007	46,852	48,504	55,865	49,904	45,240	42,446	40,348	44,415	47,673

WAX BEAN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .822

1926	769	1935	1,379	1944	1,893	1953	3,683	1962	4,265	1971	4,797
1927	780	1936	1,164	1945	1,651	1954	3,887	1963	3,618	1972	3,173
1928	1,206	1937	1,672	1946	2,300	1955	2,992	1964	3,745	1973	4,115
1929	1,562	1938	220	1947	2,675	1956	3,660	1965	4,603	1974	4,348
1930	1,844	1939	140	1948	3,035	1957	4,628	1966	3,972	1975	3,924
1931	1,459	1940	1,548	1949	3,047	1958	3,117	1967	5,023	1976	3,394
1932	717	1941	2,061	1950	2,358	1959	3,426	1968	4,706	1977	3,541
1933	839	1942	2,650	1951	2,920	1960	3,862	1969	4,858	1978	3,892
1934	1,395	1943	2,751	1952	3,094	1961	4,056	1970	4,382	1979	3,657

WAX BEAN PACKS BY REGION*

Calendar year. Thousands of Actual* Cases.

REGION*	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East	1,209	1,162	1,329	n.a.	n.a.	875	852	615	730	703
Midwest	1,675	1,789	1,929	n.a.	n.a.	1,608	1,088	1,110	1,282	1,037
South				n.a.	n.a.	0	215	160	145	194
West	246	195	215	n.a.	n.a.	166	(a)	(a)	(a)	(a)
Tot Actual Cses.	3,130	3,146	3,473	3,225	2,916	2,648	2,155	1,886	2,157	1,934
Tot Basis 303	3,394	3,541	3,892	3,657	3,384	3,012	2,496	2,279	2,523	2,274

* Regional tables were revised in 1985 Almanac to agree with new NFPA regional definitions (See beginning of this section VIII). (a) Included in South. (b) Included in Misc. n.a.—Not available.

WAX BEAN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units to Case & Size of Cont.	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8Z	356	297	362	363	240	213	215	115	175	170
24/303	2,003	1,941	2,105	1,881	1,736	1,688	1,226	1,046	1,259	1,096
6/10	695	866	909	972	931	742	714	720	723	624
Misc. Tin & Gl ...	76	42	97	10	9	5	.....	4	0	44
Total	3,130	3,146	3,473	3,225	2,916	2,648	2,155	1,885	2,157	1,934

WAX BEAN PACKS BY STYLE & QUALITY

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Whole	61	46	123	22	34	38	11	12	38	8
Fr. Style	191	208	203	234	169	131	102	70	98	110
Fancy Cut	2,049	1,935	2,024	2,119	1,771	1,686	1,403	1,044	1,313	1,277
Ex. Std. Cut	646	657	822	630	713	675	480	596	554	391
Std. Cut	184	299	300	221	229	118	159	164	153	148
Total	3,130	3,146	3,473	3,225	2,916	2,648	2,155	1,885	2,157	1,934

GREEN & WAX BEANS—CARRYOVER, PACK, STOCKS, SHIPMENTS

Source: U.S. Department of Commerce, Office of Domestic Commerce, Bureau of Census
and the National Food Processors Association

(Thousands of Actual Cases—Figures Rounded. Season beginning year shown)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Carryover 7/1	12,045	5,477	4,976	6,102	9,913	14,012	11,071	7,460	3,945	6,894
Pack 7/1-11/1	42,177	47,290	49,871	55,808	52,221	45,342	43,168	41,584	45,220	48,274
Pack 11/1-1/1	526	893	768	912	600	176	73	185	242	.....
Pack 1/1-7/1	1,815	1,338	2,371	1,289	2,369	1,361	465	1,110	1,333	P
Canner Supply	56,563	54,998	57,985	64,110	65,103	60,892	54,776	50,339	50,740	†55,168
CANNER SHIPMENTS										
7/1 to 11/1	17,682	18,338	19,126	19,568	17,926	16,638	15,246	17,297	15,875	17,196
11/1 to 1/1	8,019	7,204	8,501	8,150	8,891	8,345	8,537	7,327	7,171	7,662
January	4,666	4,328	4,300	5,364	4,361	4,950	4,414	4,454	4,772	4,140
February	5,718	4,603	4,959	4,700	5,029	4,101	4,195	4,258	4,308	P
March	5,274	4,610	4,783	4,578	4,498	4,970	4,207	3,459	3,794	P
April	(a)	(a)	(a)	(a)	4,009	3,649	3,666	3,475	3,212	P
May	6,093	7,825	7,699	8,773	3,796	4,425	4,094	3,451	3,182	P
June	3,108	3,115	2,516	3,064	2,579	2,743	2,957	2,673	1,531	P
7/1 to 7/1	51,086	50,023	51,884	54,198	51,090	49,821	47,316	46,394	43,846	P
CANNER STOCKS*										
November 1	36,540	34,429	35,720	42,341	44,207	42,717	38,993	31,747	33,290	37,972
January 1	28,521	28,118	27,987	35,103	35,917	34,548	30,528	24,605	26,361	30,310
February	23,855	23,791	23,688	29,739	31,555	29,597	26,114	20,151	21,589	26,170
March	18,137	19,187	18,729	25,039	26,526	25,497	21,919	15,893	17,281	22,412
April	12,863	14,577	13,946	20,460	22,028	20,526	17,712	12,434	13,487	P
May	n.a.	n.a.	n.a.	n.a.	18,018	16,878	14,047	8,959	10,275	P
June	7,484	7,490	7,477	11,687	14,222	12,543	9,952	5,724	7,220	P
July	5,477	4,976	6,102	9,913	14,012	11,071	7,460	3,945	6,894	P
EXPORTS**	1,474	1,051	1,038	890	809	376	1,047	651	663	635
GOV. PURCHASES**										
Armed Forces	242.3	338.7	370.6	367.0	450.7	340.4	357.7	421.7	263.9	399.3
USDA	1,183.2	983.4	81.2	1,289.4	966.9	1,121.9	1,096.9	913.8	1,099.1	1,849.2
Vet. Adm.	49.9	76.8	105.2	80.4	69.5	72.7	n.a.	n.a.	n.a.	n.a.

*Figures reflect Spring pack as reported.
n.a.—Not available. (a) Included in May.
year shown. Calendar year for Exports.

† Supply to 3/1/86.
July 1 to Mar. 31.

P—Not available at press time 6/15/86.
**Basis 1,000 24/303. Season beginning

FRESH LIMA BEAN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis No. 303 Cans. To convert to 2's, multiply by .822

1934 1,609	1941 2,912	1948 3,021	1955 3,424	1962 3,615	1969 3,596
1935 1,447	1942 3,083	1949 5,332	1956 4,142	1963 3,089	1970 2,776
1936 1,892	1943 2,292	1950 3,940	1957 3,071	1964 2,213	1971 3,116
1937 1,845	1944 2,009	1951 3,599	1958 3,005	1965 2,981	1972 2,116
1938 2,343	1945 1,928	1952 2,826	1959 3,282	1966 3,531	1973 3,150
1939 2,441	1946 2,131	1953 3,764	1960 2,754	1967 3,963	1974 2,523
1940 2,430	1947 2,689	1954 4,294	1961 4,250	1968 3,818	1975 3,729

FRESH LIMA BEAN PACKS BY SIZE OF CONTAINER AND REGION*

(Thousands of Actual Cases—Figures Rounded, Season beginning Year Shown)

Units to Case & Size of Container	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8Z	568	568	579	530	621	(a)	(a)	(a)	(a)	(a)
24/300-303	1,796	1,676	2,171	1,975	1,791	1,711	1,356	1,349	1,454	1,221
6/10	447	425	547	502	445	398	452	468	412	324
Misc. Tin & Gl .....	.....	.....	.....	.....	2	478	351	438	375	424
East ¹	605	466	888	655	652	571	593	(a)	(a)	(a)
Midwest ²	1,567	1,360	(a)	(a)	(a)	(a)	615	382	526	523
Other ³	639	843	2,410	2,352	2,205	2,016	952	1,873	1,715	1,446
Tot. Act. Ca.	2,811	2,669	3,298	3,007	2,858	2,587	2,160	2,255	2,241	1,969
Tot. 24/303	2,812	2,657	3,356	3,061	2,833	2,602	2,275	2,338	2,316	1,966

*Regional figures revised in 1985 Almanac.

¹Del., Md., N.Y., Pa. thru 1981.

²Wis., Ill., Minn. thru 1977.

³Ark., Ca., Okla., Tenn., Texas thru 1977, thereafter includes all regions not shown. For description of all regions 1982 and after see Regional Definitions in box at beginning of this Section VIII.

FRESH LIMA BEAN PACKS BY STYLE

(Thousands of Actual Cases—Figures Rounded, Season Beginning Year Shown)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	†1984
Green Limas										
Midget & Tiny ..	206	133	185	228	187	170	222	209	192	n.a.
Small	609	484	422	551	497	469	446	452	412	n.a.
Medium	584	521	486	327	432	477	474	465	484	n.a.
Mixed	1,937	1,368	1,374	1,939	1,493	1,447	1,265	891	1,100	n.a.
Green & White ..	81	133	41	70	192	192	65	70	66	n.a.
Fordhooks	215	172	161	182	205	102	114	72	0	n.a.
Total	3,631	2,811	2,669	3,298	3,007	2,858	2,587	2,160	2,255	2,241

LIMA BEANS CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season beginning year shown)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Carryover 8/1	902	610	294	466	546	687	574	328	408	475
Pack	2,811	2,669	3,298	3,007	2,858	2,587	2,160	2,255	2,241	1,969
Canner Supply	3,713	3,279	3,592	3,473	3,403	3,274	(c)2,734	2,583	2,649	2,444
CANNER SHIPMENTS										
Aug 1 to Nov 1 ...	765	1,019	963	1,035	916	877	725	808	865	690
Nov 1 to Jan 1 ...	535	521	458	424	422	424	488	397	341	323
Jan 1 to Apr 1 ...	1,163	827	883	726	821	739	638	584	621	504
Apr 1 to June 1 ...	231	402	469	420	403	382	345	321	286	P
June 1 to Aug 1 ...	410	216	353	323	154	278	209	66	61	P
Tot 8/1 to 8/1 ...	3,103	2,985	3,126	2,928	2,716	2,700	2,406	2,176	2,174	P
CANNER STOCKS										
November 1	2,948	2,260	2,629	2,439	2,487	2,396	2,008	1,775	1,784	1,754
January 1	2,413	1,740	2,171	2,015	2,065	1,973	1,520	1,379	1,442	1,431
April 1	1,251	912	1,288	1,289	1,244	1,234	882	794	822	927
June 1	1,019	510	819	869	841	852	537	474	536	P
August 1	610	294	466	546	687	574	328	*408	*475	P
GOV. PURCHASES**										
Armed Forces	44.6	82.5	85.7	74.8	91.5	91.9	72.7	81.7	55.1	73.1
U.S.D.A.	0	0	0	0	....	....	....	28.5	21.4	*30.0
Vet. Admn.	9.0	16.8	19.4	10.0	6.4	7.6	n.a.	n.a.	n.a.	n.a.

**Basis 1,000 cases 24/303's, Pack year. (c) Corrected. P-Not available at press time 6/15/86. n.a.-Not available. †July 1 to Mar. 31. (a) Included in Misc. or Other. † Data discontinued beginning 1984.

*Includes a small amount of early pack.

BEET PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .822

1909.....264	1929.....2,445	1938.....3,875	1947.....4,126	1956.....11,822	1965.....10,007
1914.....525	1930.....3,566	1939.....2,771	1948.....5,421	1957.....10,194	1966.....11,382
1919.....1,219	1931.....1,969	1940.....4,538	1949.....8,955	1958.....9,598	1967.....11,785
1921.....815	1932.....1,274	1941.....8,986	1950.....9,947	1959.....9,651	1968.....14,597
1923.....1,136	1933.....1,483	1942.....8,181	1951.....9,189	1960.....8,847	1969.....11,339
1925.....2,532	1934.....2,679	1943.....7,392	1952.....8,165	1961.....10,646	1970.....11,310
1926.....1,505	1935.....3,003	1944.....9,624	1953.....10,471	1962.....12,594	1971.....10,430
1927.....1,378	1936.....3,038	1945.....11,162	1954.....8,615	1963.....12,665	1972.....10,025
1928.....1,578	1937.....3,917	1946.....8,593	1955.....9,198	1964.....10,709	1973.....10,881
					1974.....15,084

BEET PACKS BY REGION*

Thousands of Actual* Cases. Figures Rounded

REGION	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
East ¹	4,179	2,978	3,137	4,195	4,317	3,561	3,136	3,524	(b)	(b)
Midwest ²	7,222	4,304	5,610	5,995	6,714	4,710	3,885	4,898	4,307	4,263
South							(a)	(a)	(a)	(a)
West ³	2,073	2,167	2,502	2,611	3,137	2,154	2,088	1,814	3,857	4,240
Tot. Act. Cs.	13,475	9,448	11,248	12,801	14,168	10,425	9,110	10,236	8,163	8,503
Tot. 24/303	13,130	9,201	11,289	12,973	15,103	10,878	9,657	10,868	9,039	9,292

BEET PACKS BY SIZE OF CONTAINER AND STYLE*

(Thousands of Actual Cases—Figures rounded)

Units per Case & Size of Container	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
24/8 oz.	1,638	1,210	1,362	1,526	1,417	1,000	1,052	1,199	787	893
12/16 oz.	2,612	1,909	2,089	2,373	2,331	1,637	1,415	1,313	1,019	1,377
24/300-303	6,389	4,243	4,981	5,516	5,923	4,971	3,811	4,723	3,523	3,169
6/10	2,832	2,086	2,815	3,386	4,497	2,817	2,832	3,001	2,834	3,064
Misc. Tin & Gl.	4		1							
Total	13,475	9,448	11,248	12,801	14,168	10,425	9,110	10,236	8,163	8,503

BY STYLE

Whole	2,496	1,876	1,457	2,055	1,978	1,594	1,355	1,515	1,264	1,130
Cuts & Sections	1,308	903	1,349	991	1,514	927	649	670	437	547
Sliced & Salad	8,316	5,781	6,826	8,215	8,595	6,616	5,601	6,773	5,573	5,868
Diced	934	547	999	993	1,120	813	879	757	563	567
French Style	357	273	510	454	798	382	535	427	269	331
Irreg. Pieces	64	69	108	93	162	93	91	93	57	59

CARROT PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .82

Includes tin & glass. 12 months beginning March 1 of year stated, July 1 beginning 1965.

1931.....303	1941.....2,511	1948.....3,738	1955.....2,237	1962.....5,085	1969.....5,463
1933.....734	1942.....2,785	1949.....2,184	1956.....3,752	1963.....5,100	1970.....5,388
1935.....1,129	1943.....2,908	1950.....2,280	1957.....2,912	1964.....4,471	1971.....5,310
1937.....1,158	1944.....3,320	1951.....2,656	1958.....3,858	1965.....4,516	1972.....5,529
1938.....858	1945.....4,939	1952.....3,382	1959.....3,504	1966.....7,064	1973.....6,391
1939.....1,476	1946.....4,572	1953.....3,351	1960.....5,043	1967.....5,546	1974.....6,914
1940.....1,751	1947.....1,191	1954.....2,557	1961.....3,939	1968.....5,122	1975.....4,717

CARROT PACKS BY REGION*

Thousands of Actual* Cases. Figures Rounded

REGION*	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
East ¹	892	874	1,410	1,258	1,307	828	1,093	992	(b)	(b)
Midwest ²	2,497	2,943	3,329	3,255	3,511	2,410	2,515	3,028	2,156	2,296
South	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	539	735
West ³	826	745	861	804	1,531	545	913	1,082	1,344	1,399
Tot. Act. Cs.	4,215	4,562	5,601	5,317	6,349	3,783	4,522	5,102	4,039	4,431
Tot. 24/303	4,717	5,221	6,586	6,250	7,267	4,365	5,251	5,932	4,695	5,100

*12 months beginning July 1 of year stated. Includes Tin and Glass. All region figures revised in 1985 Almanac. Beet packs include pickled, spiced and harvard. ¹Del., N.Y., Pa. thru 1980. ²Ind., Mich., Tex., Wis. thru 1980. ³Cal., Col., Ore., Utah, Wash. thru 1980. All figures 1981 and thereafter comply with NFPA "Regional Definitions" at beginning of this Section VIII. (a) In Midwest. (b) In West.

CARROT PACKS BY SIZE OF CONTAINER AND STYLE*

(Thousands of Actual Cases—Figures Rounded)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	†1984
24/8 oz.....	555	619	742	600	913	428	590	680	(a)	546
24/303 & 300.....	2,417	2,395	2,688	2,743	3,239	2,088	2,302	2,561	2,050	2,384
6/10.....	1,243	1,548	2,171	1,974	2,196	1,267	1,630	1,861	1,451	1,500
Misc.....	.....	.....	.....	.....	.....	.....	281	.....	538	.....
Total.....	4,215	4,562	5,601	5,317	6,349	3,783	4,522	5,102	4,039	4,431
BY STYLE										
Whole.....	912	495	711	717	752	510	514	504	n.a.	805
Cut & Sections ..	41	20	65	67	66	25	10	22	n.a.	17
Sliced.....	2,621	3,298	3,785	3,600	4,425	2,695	3,102	3,716	n.a.	2,887
Diced.....	554	688	975	821	1,008	490	779	(a)	n.a.	637
Shoestring.....	79	45	54	91	71	50	102	77	n.a.	46
Irreg. Pieces....	9	16	11	22	26	12	14	782	n.a.	39

*Includes tin and glass. 12 months beginning July 1 of year stated. †1985-86 pack 7/1/85 to 1/1/86
3,119,000 cases compared to 3,422,000 cases for the corresponding 1984 period. (a) Included in "Misc." or
"Irreg. Pieces".

CORN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .822

1905.... 15,883	1917.... 13,180	1929.... 21,334	1941.... 31,853	1953.... 37,798	1965.... 39,116
1906.... 11,147	1918.... 14,301	1930.... 19,144	1942.... 39,184	1954.... 37,355	1966.... 45,525
1907.... 8,118	1919.... 16,531	1931.... 23,686	1943.... 35,081	1955.... 29,372	1967.... 49,268
1908.... 8,276	1920.... 18,349	1932.... 11,416	1944.... 50,609	1956.... 43,515	1968.... 59,278
1909.... 7,060	1921.... 10,788	1933.... 12,435	1945.... 34,450	1957.... 36,455	1969.... 49,387
1910.... 12,277	1922.... 13,931	1934.... 13,747	1946.... 37,760	1958.... 33,019	1970.... 46,995
1911.... 17,447	1923.... 17,209	1935.... 26,195	1947.... 31,829	1959.... 41,232	1971.... 53,757
1912.... 15,993	1924.... 14,800	1936.... 17,838	1948.... 38,409	1960.... 35,276	1972.... 52,957
1913.... 8,885	1925.... 29,670	1937.... 28,720	1949.... 36,350	1961.... 46,167	1973.... 55,228
1914.... 11,943	1926.... 23,264	1938.... 24,973	1950.... 22,254	1962.... 45,744	1974.... 46,430
1915.... 12,351	1927.... 12,623	1939.... 17,772	1951.... 31,203	1963.... 44,152	1975.... 57,458
1916.... 11,139	1928.... 17,686	1940.... 18,939	1952.... 39,441	1964.... 37,551	1976.... 54,694

CORN PACKS BY AREA*

Thousands of Actual Cases, figures rounded.

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East†.....	2,477	2,670	2,902	2,775	2,373	2,586	3,122	2,858	3,062	2,430
Midwest†.....	42,011	46,285	44,227	45,200	38,256	45,096	45,137	39,788	45,810	47,292
West†.....	9,824	7,000	9,783	10,861	9,627	9,879	11,197	8,173	7,329	5,468
Total Golden.....	54,312	55,956	56,913	58,836	50,256	57,561	59,456	50,818	56,202	55,190
Total White.....	1,413	1,124	1,154	1,343	743	839	1,026	540	1,079	1,061
Tot Pack A/C....	55,725	57,080	58,066	60,179	51,600	58,400	60,482	51,359	57,281	56,252
Tot Basis 24/303...	54,694	56,300	57,907	60,022	50,574	57,949	60,522	51,595	56,879	55,729
Tot Basis 24/2...	44,849	46,166	47,484	49,218	41,572	47,634	49,749	42,411	46,755	45,809

† Golden only. *Revised with 1982 Almanac. No breakouts by 303 nor of white available since 1977. Report
does not include field corn, corn on the cob, nor succotash. See definition of Regions beginning of this Section VIII.

CORN PACKS BY SIZE OF CONTAINER†

(Thousand of Actual Cases—Figures Rounded)

Size of Container	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8z Sh & Tl....	6,155	5,702	5,207	6,241	5,251	5,723	6,884	4,708	5,524	5,089
24/12z Vac (b)...	9,181	9,819	(a)	(a)	(a)	(a)	(a)	8,415	(a)	(a)
24/303 & 300....	34,713	36,040	38,165	37,043	31,836	37,777	36,910	32,315	35,915	35,847
6/10*.....	5,077	5,261	5,692	6,686	5,158	5,608	7,271	5,780	6,733	6,175
Misc.....	599	257	9,002	10,209	8,754	9,292	9,417	141	9,059	9,141
Total.....	55,725	57,080	58,066	60,179	51,000	58,400	60,482	51,359	57,281	56,252

† White and Golden. *Includes 6/75z (603x600). (a) Included with misc. (b) Beginning 1983
includes 24/2 vac.

CORN PACK BY QUALITY AND STYLE

(Thousands of Actual Cases—Figures Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
GOLDEN										
Whole Kernel										
Fancy.....	32,813	34,281	34,493	34,191	30,079	35,277	37,469	30,321	34,541	34,821
Ex. Std.....	5,087	5,598	6,105	6,953	6,210	5,893	6,266	7,356	5,967	6,195
Standard.....	929	693	1,240	966	814	716	725	776	1,042	513
Total.....	38,830	40,571	41,838	42,110	37,103	41,886	44,460	38,454	41,549	41,529
Cream Style										
Fancy.....	14,151	13,992	13,273	14,270	11,328	13,892	13,343	10,424	13,335	12,271
Ex. Std.....	1,183	1,293	1,666	2,119	1,665	1,672	1,440	1,731	1,240	1,311
Standard.....	149	100	135	337	160	111	213	210	77	79
Total.....	15,483	15,385	15,075	16,726	13,154	15,675	14,996	12,364	14,652	13,661
WHITE										
Whole Kernel										
Fancy.....	711	791	n.a.	n.a.	n.a.	n.a.	673	368	†1,042	717
Ex. Std.....	23	58	n.a.	n.a.	n.a.	n.a.	3	15	†30	n.a.
Standard.....	4	10	n.a.	n.a.	n.a.	n.a.	3	1	†7	n.a.
Total.....	738	859	600	873	n.a.	n.a.	679	385	674	726
Cream Style										
Fancy.....	558	133	n.a.	n.a.	n.a.	n.a.	347	152	*	334
Ex. Std.....	117	91	n.a.	n.a.	n.a.	n.a.	.....	4	*	n.a.
Standard.....	.....	41	n.a.	n.a.	n.a.	n.a.	(a)	0	*	n.a.
Total.....	675	265	554	470	n.a.	n.a.	348	156	405	335
Total All.....	55,725	57,080	58,066	60,179	51,000	58,400	60,482	51,359	57,281	56,252
Total Fancy.....	48,233	49,197	n.a.	n.a.	n.a.	n.a.	51,832	41,265	48,918	48,143
Total Ex. Std.....	6,410	7,040	n.a.	n.a.	n.a.	n.a.	7,709	9,107	7,237	7,510
Total Std.....	1,082	844	n.a.	n.a.	n.a.	n.a.	941	987	1,126	598
Total W.K.....	39,568	41,430	42,438	42,983	n.a.	n.a.	45,139	38,838	42,223	42,255
Total C.S.....	16,158	15,650	15,629	17,197	n.a.	n.a.	15,344	12,521	15,057	13,996
Total White.....	1,413	1,124	1,154	1,343	743	839	1,026	541	1,079	1,061
Total Golden.....	54,313	55,956	56,913	58,836	50,256	57,561	59,456	50,818	56,201	55,190

n.a.—Not available.
kernel pack.

(a) Less than 500 cases.

† Includes white cream style.

* Included in white whole

SWEET CORN—CARRYOVER, PACK, STOCKS, SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season† beginning year shown)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Carryover 7/1	9,825	9,878	8,100	10,188	9,966	5,189	7,731	11,492	8,464	11,261
Pack	55,725	57,080	58,066	60,179	51,000	58,400	60,482	51,359	57,281	56,252
Canner Supply ...	65,560	66,957	66,166	70,367	60,966	63,589	68,214	62,851	65,745	67,513
CANNER SHIPMENTS										
July 1 to Nov. 1 ...	16,203	18,431	17,617	18,348	18,685	16,400	18,421	21,120	17,578	19,695
November	4,940	4,857	5,299	5,116	5,031	5,601	4,697	4,110	4,866	5,220
December	4,783	5,298	4,653	5,249	5,079	5,240	5,102	4,153	4,246	4,345
January	5,684	5,076	4,714	6,032	5,226	5,194	4,821	5,066	6,023	6,367
February	6,913	6,250	5,893	5,742	5,270	5,615	4,933	4,389	5,233	5,578
March	6,522	6,081	5,686	5,658	6,610	5,806	5,678	4,108	4,963	P
April	(a)	(a)	(a)	(a)	4,528	4,508	4,448	4,566	3,975	P
May	7,548	9,613	9,314	10,827	3,619	4,922	5,132	4,168	4,458	P
June	3,080	3,252	2,802	3,429	1,729	2,571	3,488	2,709	3,143	P
July 1 to July 1 ...	55,673	58,857	55,978	60,401	55,777	55,858	56,721	54,389	54,484	P
CANNER STOCKS										
November 1	49,348	48,526	48,549	52,020	42,281	47,189	49,792	41,731	48,168	47,818
December 1	44,408	43,670	43,249	46,903	37,250	41,588	45,095	37,622	43,302	42,598
January 1	39,625	38,372	38,596	41,655	32,171	36,348	39,993	33,469	39,056	38,253
February 1	33,941	33,296	33,883	35,623	26,945	31,154	35,172	28,403	33,033	31,886
March 1	27,028	27,046	27,990	29,881	21,676	25,539	30,239	24,014	27,800	26,308
April 1	20,506	20,965	22,304	24,222	15,065	19,732	24,561	19,906	22,837	P
May 1	n.a.	n.a.	n.a.	n.a.	10,538	15,224	20,113	15,340	18,862	P
June 1	12,958	11,352	12,990	13,395	6,918	10,302	14,981	11,171	14,405	P
July 1	9,878	8,100	10,188	9,966	5,189	7,731	11,492	8,464	11,261	P
EXPORTS**	2,211	2,872	3,537	4,394	5,105	6,543	5,716	6,065	5,257	5,608
GOV. PURCHASES**										
Armed Forces ...	167.8	441.7	421.6	465.1	402.2	488.2	389.9	278.1	423.7	263.2
U.S.D.A.	1,639.4	1,774.1	1,118.8	2,087.5 ¹	972.5	61.2	464.3	735.9	1,146.4	² 1,386.6
Vet Adm.	27.8	29.3	57.0	46.1	55.9	¹ 44.1	n.a.	n.a.	n.a.	n.a.

(a) Included in May. n.a. Not available. P - Not available at press time. **Basis 1,000 cases 24/303, season beginning year shown. Calendar year for Exports. ¹Estimated requirements. ²July 1 to March 31.

GREEN PEA PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans.

1899 3,130	1918 13,497	1930 26,883	1942 43,012	1954 29,220	1966 31,856
1904 5,727	1919 10,596	1931 16,209	1943 42,763	1955 33,399	1967 37,692
1908 6,804	1920 15,027	1932 12,648	1944 38,460	1956 35,682	1968 36,231
1909 6,134	1921 10,013	1933 15,729	1945 48,372	1957 41,290	1969 32,071
1910 5,303	1922 15,911	1934 19,205	1946 49,938	1958 36,035	1970 28,697
1911 5,529	1923 17,017	1935 30,132	1947 40,405	1959 31,309	1971 33,197
1912 8,915	1924 23,564	1936 20,194	1948 28,494	1960 28,714	1972 33,081
1913 10,699	1925 21,736	1937 28,630	1949 28,631	1961 32,399	1973 29,558
1914 10,793	1926 21,605	1938 31,059	1950 35,479	1962 33,725	1974 33,120
1915 11,312	1927 15,782	1939 19,610	1951 41,378	1963 33,588	1975 35,172
1916 8,157	1928 21,895	1940 30,739	1952 32,342	1964 30,045	1976 31,927
1917 11,991	1929 22,607	1941 35,043	1953 34,206	1965 37,585	1977 30,238

GREEN PEA PACKS BY REGION* AND VARIETY

SWEET & ALSWEET*	(Thousands of Actual* Cases)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East	1,156	1,197	1,402	1,994	5,376	2,113	2,571	2,202	2,885	3,194
Mid-West	19,889	21,503	14,986	23,668	18,533	16,435	16,217	13,959	16,023	25,865
West	5,511	1,576	3,196	2,922	**	2,736	**	**	**	**
Tot. Sweet	26,556	24,276	19,584	28,584	23,909	21,284	18,788	16,161	18,908	n.a.
Tot. Alaska†	6,224	6,259	5,841	7,648	6,208	6,648	5,728	4,401	4,367	n.a.
Tot. Actual Cs. ...	32,780	30,535	25,426	36,232	30,117	27,932	24,516	20,562	23,276	29,059
Tot. basis 303's ...	31,927	30,238	25,269	36,492	30,056	27,296	24,790	20,827	23,312	29,306
Tot. basis 2's ...	26,180	24,795	20,771	29,996	24,706	22,437	20,377	17,120	19,162	24,090

*Table revised 1985 Almanac. All regional figures in Actual Cases and include Alaskas beginning 1985. See NFPA Regional Definitions at beginning of this Section VIII. **Included in East. †Most Alaska peas packed in Midwest, no area breakdown available. Last available East Pack totaled 365,547 actual cases in 1977. Last available West Pack 645,495 actual cases in 1972.

GREEN PEA PACKS BY SIZE OF CONTAINER & QUALITY

(Thousands of Actual Cases—Figures Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
QUALITY BY CONTAINER SIZE—all varieties										
24/8Z Total	5,786	5,148	3,915	5,360	5,074	4,472	3,390	2,824	3,459	4,169
Fancy	5,482	4,710	3,536	5,049	4,827	4,194	3,213	2,694	3,324	3,708
Ex. Std.	237	374	316	269	232	255	148	106	120	189
Std.	67	64	63	42	15	24	29	24	14	136
24/300-303 Tot ...	23,841	21,840	18,701	26,259	21,172	20,990	17,992	15,102	17,057	21,240
Fancy	16,695	14,492	12,269	18,338	14,317	14,174	11,736	10,643	12,279	15,493
Ex. Std.	6,189	6,266	5,197	6,588	6,038	5,901	5,709	4,012	4,339	5,205
Std.	957	1,082	1,236	1,334	818	915	546	446	439	542
6/10 Tot.	3,151	3,547	2,809	4,612	3,870	2,470	3,085	2,628	2,758	3,650
Fancy	963	1,106	715	1,344	958	803	925	908	917	1,256
Ex. Std.	1,918	2,151	1,736	2,781	2,511	1,443	1,928	1,594	1,757	1,804
Std.	269	290	358	487	401	225	232	126	84	157
Total All.	32,780	30,535	25,425	36,232	30,117	27,932	24,516	20,562	23,276	29,059
Tot. Fancy*	23,142	20,308	14,519	24,790	20,102	19,170	15,924	14,252	16,522	20,458
Tot. Ex. Std.*	3,345	8,792	7,249	9,639	8,781	7,559	7,785	5,712	6,216	7,646
Tot. Std.*	1,293	1,435	1,657	1,863	1,234	1,163	807	598	537	955

*Includes small pack of misc. tin and glass sizes not included in above container size breakdown. ¹Midwest only.

GREEN PEA PACKS BY VARIETY, QUALITY & SIEVE SIZE

	1976	1977	1978	1979	1980	1981	1982	1983	1984	(a)1985
QUALITY BY VARIETY (Thousands of Actual Cases—Figures Rounded)										
ALASKA										
Fancy	4,110	4,186	3,686	5,011	4,332	4,779	3,942	2,827	3,346	n.a.
Ex. Std.	1,681	1,741	1,693	2,179	1,704	1,697	1,616	1,445	960	n.a.
Std.	432	332	463	458	172	172	171	130	61	n.a.
Total Alaska ...	6,224	6,259	5,841	7,648	6,208	6,648	5,728	4,401	4,367	n.a.
SWEET										
Fancy	19,032	16,122	12,834	19,719	15,770	14,391	11,982	11,425	13,176	n.a.
Ex. Std.	6,664	7,051	5,556	7,460	7,077	5,902	6,170	4,267	5,256	n.a.
Std.	861	1,103	1,194	1,405	1,062	991	636	468	476	n.a.
Total Sweet.	26,556	24,276	19,584	28,584	23,910	21,284	18,788	16,161	18,908	n.a.
SIEVE SIZE BY VARIETY										
ALASKA										
1 Sieve	97	71	81	91	84	167	214	218	n.a.	(a)
2 Sieve	3,019	3,036	2,763	3,433	3,042	3,748	2,524	1,939	n.a.	(a)
3 Sieve	2,176	2,007	2,040	2,664	1,976	1,451	1,680	954	n.a.	(a)
4 Sieve & Up... ..	882	1,067	942	1,442	1,056	1,049	1,076	1,181	n.a.	(a)
Mixed	49	77	16	17	50	233	233	109	n.a.	(a)
SWEET & ALSW.										
1 and 2 Sieve ...	1,495	1,321	712	1,668	1,077	1,288	2,712	1,118	1,465	6,246
3 Sieve	1,522	1,702	960	1,461	1,318	1,094	1,024	894	1,152	2,924
4 Sieve	1,929	2,141	1,719	2,432	2,206	1,830	1,913	1,868	2,177	(b)5,402
5 Sieve & Up... ..	1,013	1,585	1,034	1,360	1,943	1,773	1,171	672	1,252	(b)
Mixed	20,597	17,528	15,160	21,662	17,366	15,299	11,968	11,610	12,863	14,487

(a) Alaska included with sweet & alswest.

(b) 5 sieve & up included with 4 sieve.

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CANNED GREEN PEAS CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season beginning year shown)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Carryover June 1	8,153	7,903	4,701	1,787	6,095	5,979	6,178	3,530	1,806	3,251
Pack	32,780	30,535	25,426	36,232	30,117	27,932	24,516	20,562	23,276	29,059
Canner Supply ...	40,933	38,438	30,127	38,019	36,212	33,911	30,694	24,093	25,082	32,310
CANNER SHIPMENTS										
6/1 to 9/1	7,590	6,963	7,541	8,057	6,152	4,859	5,110	5,362	5,551	5,458
September	2,936	3,969	3,005	2,927	2,828	2,892	2,889	2,988	2,269	2,195
October	2,800	3,277	2,518	2,723	2,958	2,504	2,753	2,401	2,510	3,034
November	2,760	3,091	2,648	2,717	2,908	2,745	2,789	1,848	2,321	1,693
December	2,579	2,656	2,706	2,400	2,671	2,525	2,288	1,559	1,214	2,541
January	2,789	2,520	2,056	2,665	2,424	2,254	2,298	2,256	2,044	2,461
February	3,496	3,225	2,469	2,524	2,369	2,520	2,485	2,167	2,014	1,836
March	3,557	3,076	2,413	2,768	2,862	2,639	2,427	1,409	1,472	P
April	(a)	(a)	(a)	(a)	2,326	2,356	2,058	1,244	1,216	P
May	4,524	4,961	2,985	5,134	3,003	2,439	2,067	1,052	1,220	P
6/1 to 6/1	33,030	33,737	28,340	31,924	30,233	27,733	27,164	22,286	21,831	P
CANNER STOCKS										
September 1	33,344	31,475	22,586	29,962	30,060	29,052	25,584	18,731	19,531	26,852
October 1	30,408	27,506	19,581	27,035	27,232	26,160	22,696	15,743	17,262	24,657
November 1	27,608	24,230	17,063	24,311	24,273	23,656	19,943	13,342	14,752	21,620
December 1	24,848	21,138	14,416	21,594	21,365	20,911	17,153	11,494	12,431	19,927
January 1	22,269	18,482	11,709	19,126	18,694	18,386	14,865	9,935	11,217	17,386
February 1	19,480	15,963	9,654	16,521	16,539	16,132	12,568	7,678	9,172	14,924
March 1	15,984	12,738	7,184	13,997	14,170	13,612	10,082	5,511	7,159	13,089
April 1	12,426	9,662	4,772	11,229	11,307	10,973	7,655	4,102	5,687	P
May 1	n.a.	n.a.	n.a.	n.a.	8,982	8,617	5,597	2,858	4,471	P
June 1	7,903	4,701	1,787	6,095	5,979	6,178	3,530	1,806	3,251	P
EXPORTS**	255	318	282	217	322	284	262	217	176	132
GOV. PURCHASES**										
Armed Forces	136.2	164.8	112.0	211.3	201.9	191.2	159.4	226.3	240.8	162.3
U.S.D.A.	758.6	914.4	794.3	894.6	934.3	541.7	714.3	535.7	60.2	1558.1
Vet. Adm.	37.5	33.5	64.8	47.8	45.0	144.8	n.a.	n.a.	n.a.	n.a.

**Basis 1,000 24/303's. Calendar year for Exports. (a) Included in May. n.a. - Not available. P-Not available at press time. ¹July 1 to Mar. 31.

PACKS OF CANNED FRESH FIELD PEAS

Thousands of Actual Cases, all size cans

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982D
Blackeye	622	737	618	528	516	595	1,415	444	992	559
Field	671	215	224	389	342	267	378	312	493	325
Cream	389	345	116	201	240	309	121	123	273	183
Crowder	233	353	144	125	163	231	162	161	289	150
Purple Hull	712	952	735	539	793	810	376	905	691	691
Total	2,628	2,603	1,837	1,783	2,053	2,212	2,452	1,845	2,738	1,908
Tot. Basis 24/303's ..	2,817	2,765	1,995	1,875	2,223	2,364	2,542	1,965	2,895	1,998

D - Reports discontinued to avoid disclosure.

PUMPKIN AND SQUASH PACKS BY SIZE OF CONTAINER AND AREA

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.
(Thousands of Actual Cases—Figures Rounded)

Units per Case & Size of Cont'nr	1973	1974	1975	1976	1977	1978	1979	1980	1981	D1982
*24/2,303 & 300 ...	1,329	1,350	1,496	1,670	1,005	1,101	1,320	1,286	1,280	1,377
24/2½	1,174	975	1,514	1,467	671	864	1,032	1,018	395	1,129
*6/10	765	703	1,006	762	474	446	524	406	1,396	636
Misc. Tin & Gl. ...	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mid-West	2,140	1,553	2,935	2,879	1,621	1,943	2,160	2,052	2,305	2,583
Other States	1,132	1,475	1,080	1,019	529	468	717	658	765	559
Total	3,272	3,028	4,015	3,898	2,151	2,411	2,877	2,710	3,070	3,142
Tot. Bas. 303's ...	4,632	4,214	5,805	5,500	2,962	3,353	3,997	3,744	3,975	4,404

*2's included with 10's beginning 1981. D - Reports discontinued in 1983 to avoid disclosure.

CANNED WHITE POTATO PACKS IN THE U.S.

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

(Thousands of Actual Cases - April 1 of year shown to March 31 following year)

1946	591	1952	2,719	1958	3,947	1964	3,507	1970	5,890	1976	5,315
1947	883	1953	3,096	1959	3,405	1965	4,550	1971	7,067	1977	5,960
1948	1,559	1954	1,936	1960	4,010	1966	4,737	1972	4,236	1978	5,648
1949	1,471	1955	3,149	1961	4,302	1967	4,180	1973	4,895	1979	5,706
1950	1,535	1956	3,346	1962	3,440	1968	5,075	1974	6,990	1980	5,031
1951	1,268	1957	3,746	1963	3,298	1969	5,386	1975	5,850	1981	6,046

	1973	1974	1975	1976	1977	1978	1979	1980	1981	D1982
STYLE										
Whole	3,860	5,159	4,832	3,187	4,284	4,160	4,237	3,231	4,179	3,237
Sliced	850	1,484	944	1,951	1,459	1,278	1,239	1,467	1,577	1,100
Diced	185	348	75	178	217	209	230	333	289	254
CONTAINER SIZE										
24/8z	108	109	74	56	31	49	333	42	53	.....
24/300	1,114	1,470	1,035	606	696	642	884	687	796	641
24/303	2,159	3,315	3,018	3,102	3,242	3,145	2,767	2,717	3,217	1,981
6/10	1,338	1,805	1,484	1,458	1,889	1,742	1,609	1,483	1,862	1,916
Misc.	175	292	240	93	102	69	113	101	117	54
Total A/C	4,895	6,990	5,850	5,315	5,960	5,648	5,706	5,031	6,046	4,591
Total, Basis 303	5,658	8,113	6,809	6,201	7,126	6,293	6,517	5,857	7,103	5,714

D - Reports discontinued. Primary States canning white potatoes: Ark., Calif., Del., Ind., Me., Minn., N.C., N.Y., Pa., Tenn., Va. and Wis.

SWEET POTATO PACKS IN THE UNITED STATES

Thousands of Cases, basis 24 No. 303 Cans. To Convert to 2's, multiply by .82

1940	1,194	1945	3,751	1950	5,190	1955	6,165	1960	6,942	1965	11,101	1970	9,846
1941	2,430	1946	5,089	1951	3,964	1956	6,177	1961	8,157	1966	10,024	1971	10,056
1942	1,121	1947	2,055	1952	6,091	1957	6,519	1962	10,876	1967	9,848	1972	9,461
1943	1,482	1948	2,215	1953	5,948	1958	8,558	1963	8,756	1968	10,846	1973	11,415
1944	2,050	1949	3,837	1954	4,954	1959	8,864	1964	7,865	1969	12,499	1974	12,767
												1975	7,668

SWEET POTATO PACKS BY SIZE OF CONTAINER AND STATE

12 Months beginning July 1 of year shown (Thousand of Actual Cases—Figures Rounded)

SIZE	1976	1977	1978	1979	1980	1981	1982	1983	1984	¹ 1985
24/8 oz.	198	146	263	184	111	157	108	91	111	70
24/2 Squat.	7	140	164	109	(a)	(a)	76	(a)	(a)	(a)
24/303 & 300	977	984	1,346	1,345	985	1,435	1,343	967	1,040	1,120
24/3 Squat.	745	628	966	867	473	800	558	627	446	469
24/2½	961	758	885	944	746	992	650	447	592	702
12/3 cyl.	98	41	41	79	30	55	91	(a)	(a)	(b)
6/10	1,421	1,267	1,672	1,697	1,134	1,375	1,624	919	960	1,321
12/40 oz	730	730	922	816	673	979	745	(a)	(a)	736
Miscellaneous	.....	.....	.....	8	42	111	.....	913	817	94
*REGION										
**Md., Del. & N.C.	1,600	1,803	2,764	2,265	1,476	1,473	1,125	750	405	n.a.
***Fla., La., Tenn.	2,576	2,140	2,545	2,865	1,785	4,430	4,070	3,213	3,561	n.a.
Ark., Ca.	962	751	951	919	933	(a)	(a)	(a)	(a)	n.a.
Total A/C	5,138	4,694	6,260	6,048	4,195	5,903	5,195	3,963	3,967	4,513
Total Basis 24/303	7,960	7,194	9,436	9,174	5,917	7,955	7,049	5,315	5,283	6,131

¹ Pack to January 1, 1986. ² Beginning 1981 data adjusted to conform with new NFPA uniform regional definitions. (See beginning of this Section VIII for description). Earlier years therefore not comparable. Beginning 1981 ** is East; *** is South & West combined. (a) Included in Misc. or South and West. (b) Included with 6/10. n.a. - Not available.

SWEET POTATO PACKS BY STYLE

(Thousands of Actual Cases—Figures Rounded)

STYLE	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Solid, Mashed	121	145	143	176	179	128	141	93	82	n.a.
Whole, Syrup	1,427	1,262	1,304	2,000	1,697	940	1,529	1,217	953	933
*Cuts & Whole Sy	3,150	3,381	3,043	3,702	3,918	2,926	3,917	3,678	2,782	2,835
Vacuum Pack	262	350	204	381	254	201	315	207	146	n.a.
Total	4,961	5,138	4,694	6,260	6,048	4,195	5,903	5,195	3,963	3,967

*Beginning 1979 "cuts and halves".

SAUERKRAUT PACKS IN THE UNITED STATES

Compiled by National Kraut Packers Association

Thousands of Cases, Tin & Glass basis 24 No. 303 Cans. Season beginning year shown.

1939 ... 7,226	1946 ... 10,103	1953 ... 10,043	1960 ... 9,833	1967 ... 11,424	1974 ... 12,209
1940 ... 10,648	1947 ... 5,175	1954 ... 9,829	1961 ... 9,923	1968 ... 10,825	1975 ... 9,859
1941 ... 10,011	1948 ... 7,938	1955 ... 9,267	1962 ... 9,400	1969 ... 10,569	1976 ... 9,409
1942 ... 4,299	1949 ... 9,527	1956 ... 9,922	1963 ... 9,554	1970 ... 12,088	1977 ... 9,419
1943 ... 4,541	1950 ... 10,857	1957 ... 9,673	1964 ... 9,026	1971 ... 11,266	1978 ... 9,509
1944 ... 3,954	1951 ... 8,834	1958 ... 9,316	1965 ... 10,768	1972 ... 10,008	1979 ... 9,016
1945 ... 10,358	1952 ... 8,688	1959 ... 8,229	1966 ... 10,019	1973 ... 10,573	1980 ... 8,173

SAUERKRAUT PACKS BY STATE AND CONTAINER SIZE

Thousands of Cases. Figures rounded—12 month pack beginning Sept. 1 of year shown.

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BASIS 24/303 CANS										
Tin, East	3,144	2,831	3,159	3,420	3,020	2,457	2,842	2,606	2,197	2,441
Tin, Midwest	4,219	4,130	3,962	3,792	3,722	3,658	3,487	3,351	2,115	3,034
Tin, Other	1,083	922	804	887	951	817	880	992	486	493
Total Tin	8,446	7,883	7,905	8,099	7,693	6,932	7,209	6,949	4,797	5,968
Glass	1,413	1,526	1,514	1,410	1,324	1,242	1,478	1,468	1,047	1,043
Tot. Tin & Glass ..	9,859	9,409	9,419	9,509	9,016	8,173	8,686	8,417	5,844	7,011
Bags, 303 basis ...	1,367	1,581	1,453	1,624	1,774	1,587	1,377	1,299	1,330	1,741
Tot. above	11,226	10,990	10,872	11,133	10,790	9,760	10,063	9,716	7,174	8,752
CONTAINER SIZE (Actual Cases)										
24/8 oz.	733	613	690	793	591	707	504	337	413	501
24/300	188	177	188	200	210	188	221	203	130	164
24/303	2,683	2,753	2,966	2,949	2,777	2,748	2,643	2,574	1,739	1,997
24/2 1/2	1,587	1,489	1,325	1,340	1,341	1,066	1,192	1,117	740	941
6/10	1,380	1,126	1,183	1,220	1,149	971	1,131	1,043	769	1,043
Misc. Tin	139	155	149	169	149	151	137	346	153	190
12/Qt. glass	1,346	1,454	1,442	1,125	1,105	1,057	1,231	1,239	866	1,053
12/Pt. glass				436	312	250	336	220	245	224
Tot. Tin & Gl.	8,056	7,767	7,943	8,232	7,633	7,138	7,395	7,079	5,055	6,113
12/2 lb. bags	1,518	1,757	1,615	1,353	1,534	1,403	1,232	1,097	1,251	1,575
12/1 lb. bags				902	874	721	596	693	453	719
Tot. Above A/C ...	9,574	9,524	9,558	10,487	10,041	9,262	9,223	8,869	6,759	8,407
THOUSANDS OF CONTAINERS (not included in above 303's or Actual Case figures)										
Misc. Jars & Pails										28
5 gal. pails				4	1	1	49	48	33	235
Barrels (sold bulk) ..	23	22	38	21	23	31	36	20	10	41
BARRELS CUT* ...	687	722	627	706	685	581	601	572	412	563

PROPORTION OF Total 1984 Sauerkraut Pack By Container Type

Metal 61.3% Poly Bag 17.2% Glass 10.3% ⁵Misc. 11.2%

EAST includes N.Y., Md., Pa. MIDWEST: Wis., Ill., Ohio, Mich., Ind. OTHER: Ore., Wash., Colo., Tenn.,

Mass. ²Qts. and Pints, basis 12/qts. ³1 and 2 lb., basis 12/2 lb. ⁴Converted from all container figures.

⁵Bulk (45 gal.) Barrels, Plastic Pails & Misc. Jars.

SPINACH PACKS IN THE UNITED STATES *

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .822

1909 311	1934 4,395	1944 12,148	1954 4,854	1964 7,641	1974 10,834
1914 817	1935 5,268	1945 10,537	1955 7,326	1965 6,395	1975 8,328
1919 1,411	1936 5,149	1946 10,307	1956 7,819	1966 6,954	1976 6,304
1921 1,212	1937 7,468	1947 4,769	1957 7,740	1967 7,409	1977 7,108
1923 3,912	1938 3,529	1948 6,113	1958 6,390	1968 7,990	1978 6,214
1925 3,195	1939 4,948	1949 8,178	1959 8,701	1969 6,577	1979 8,121
1927 3,923	1940 6,076	1950 6,796	1960 7,797	1970 7,270	1980 6,314
1929 7,521	1941 6,118	1951 9,331	1961 7,708	1971 7,675	1981 5,458
1931 2,768	1942 11,671	1952 7,459	1962 7,266	1972 8,255	1982*
1933 3,878	1943 9,005	1953 6,597	1963 8,031	1973 8,944	

*1982-83 Pack Mar. 1 to Oct. 1, 1982 3,038,993 basis 303's, compared with 3,363,038 cases same period year earlier. Reports discontinued thereafter to avoid disclosure.

TOMATO PACKS IN THE UNITED STATES

1899 ... 18,119	1918 ... 33,076	1930 ... 35,399	1942 ... 50,327	1954 ... 26,629	1966 ... 32,662
1904 ... 19,587	1919 ... 22,512	1931 ... 19,936	1943 ... 35,708	1955 ... 30,167	1967 ... 39,127
1908 ... 23,906	1920 ... 23,674	1932 ... 24,848	1944 ... 31,841	1956 ... 36,457	1968 ... 48,422
1909 ... 22,875	1921 ... 8,366	1933 ... 24,961	1945 ... 20,444	1957 ... 26,446	1969 ... 32,036
1910 ... 19,232	1922 ... 24,028	1934 ... 27,299	1946 ... 29,106	1958 ... 37,152	1970 ... 39,017
1911 ... 20,303	1923 ... 30,555	1935 ... 32,921	1947 ... 33,805	1959 ... 29,422	1971 ... 38,387
1912 ... 29,201	1924 ... 26,071	1936 ... 29,785	1948 ... 29,759	1960 ... 30,991	1972 ... 43,301
1913 ... 29,585	1925 ... 41,172	1937 ... 32,006	1949 ... 26,275	1961 ... 34,034	1973 ... 45,431
1914 ... 31,700	1926 ... 19,690	1938 ... 28,220	1950 ... 25,751	1962 ... 35,541	1974 ... 43,784
1915 ... 17,637	1927 ... 27,358	1939 ... 29,848	1951 ... 38,759	1963 ... 33,041	1975 ... 53,465
1916 ... 27,369	1928 ... 17,782	1940 ... 36,030	1952 ... 34,136	1964 ... 36,431	1976 ... 42,805
1917 ... 31,397	1929 ... 29,458	1941 ... 38,746	1953 ... 27,248	1965 ... 36,015	1977 ... 54,124

U.S. CANNED TOMATO PACKS BY REGION*

Source: National Food Processors Assn. and California League of Food Processors

Thousands of Actual Cases — Figures Rounded — Calendar Year

REGION*	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East	1,683	1,839	2,093	2,112	1,274	2,237	2,803	2,278	2,195	1,127
Midwest	2,874	2,995	3,434	3,263	2,599	2,716	3,794	4,006	4,843	4,141
West	†26,324	†35,027	†30,109	26,900	23,682	23,591	24,652	21,392	24,022	22,505
South	2,059	1,402	1,454	1,415	1,044	1,156	2,229	1,590	1,680	1,212
Tot. above A/C...	n.a.	n.a.	n.a.	33,689	28,599	29,700	33,478	29,266	32,740	28,986
Tot. Bas. 24/303...	n.a.	n.a.	n.a.	(e)42,789	(e)36,697	(e)38,325	43,286	37,597	43,170	37,485
Tot. Bas. 24/2....	n.a.	n.a.	n.a.	(e)35,173	(e)30,165	(e)31,503	35,581	30,905	35,486	30,813
Calif. conc. crushed A/C ¹ (a)	(a)	(a)	(a)	6,281	10,158	8,421	12,292	14,859	14,302	13,773
Tot. all A/C.....	32,941	41,262	37,090	39,970	38,757	38,120	45,770	44,125	47,042	42,759
Tot. all Bas. 303...	42,805	54,124	49,241	52,896	53,096	51,937	63,089	61,561	(e)66,376	59,585

*This table completely revised in the 1985 Almanac. For definitions of region see note in box at beginning of this Section VIII. NFPA 1984 tomato pack report provided separate breakdown for the California pack of concentrated crushed tomatoes and adjusted the '82 and '83 figures. Almanac editors adjusted '79, '80, & '81. (e) Conversion includes estimate for small amount of mixed misc. container sizes. ¹Conc. crushed includes ground and pizza sauce (including prepared with oil or formulated). n.a. - Totals comparable to later years not available. † Includes Calif. conc. crushed. (a) Not collected separately. Data for these packs included in West.

CALIFORNIA TOMATO PACKS BY TYPE & STYLE

Source: California League of Food Processors

Thousands of Actual Cases

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Whole Peeled Round	14,691	18,807	16,106	17,944	14,960	13,339	15,390	11,464	13,888	12,137
Whole Peeled Pear	1,301	1,923	1,515	1,686	1,774	1,087	980	936	1,144	974
Stewed	*	*	*	6,103	5,120	5,483	5,595	5,948	5,252	5,364
Other Styles	*	*	*	1,847	1,818	3,584	2,641	3,044	3,665	3,913
Sub total	15,992	20,730	17,261	27,579	23,672	23,493	24,606	21,392	23,949	22,388
Other	10,241	14,252	12,371	.....	.....	.....	.....	.....	.....	.....
Conc. crushed, etc..	*	*	*	6,281	10,158	8,421	12,292	14,859	14,302	13,773
Total all	26,233	34,980	29,992	33,861	33,830	31,914	36,898	36,251	38,251	36,161

*Included in other.

**OHIO'S FINEST TOMATOES, TOMATO PRODUCTS,
AND SAUERKRAUT**

HIRZEL CANNING CO. and FARMS

GROWERS AND PACKERS OF
STAR CROSS, SILVER FLEECE AND DEI FRATELLI BRANDS

411 Lemoyne Rd., Toledo, Ohio 43619

Tel. 419-693-0531

TOMATO PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units per Case & Size of Cont'nr	1976	1977	1978	*1979	*1980	*1981	*1982	*1983	*1984	*1985
24/2.....	20	46	40	118	.....	.....	0	0	(a)	(a)
24/8Z.....	744	1,088	786	886	687	765	500	784	878	288
48/1 Pic.....	332	308	140	234	250	270	668	(a)	(a)	(a)
24/300/303.....	16,440	19,455	17,109	18,024	14,203	14,637	17,448	14,831	15,136	14,827
24/2½.....	6,012	6,802	6,201	6,011	4,896	4,991	5,087	3,572	4,748	3,845
6/10.....	8,858	12,983	12,429	7,809	7,558	8,187	9,546	9,332	11,145	8,958
Misc. Tin & Gl....	536	580	385	608	1,055	849	229	548	1,034	1,068
Total.....	32,941	41,262	37,090	33,689	23,599	29,700	33,478	29,266	32,740	28,986

*Not comparable to earlier years. Calif. concentrated crushed packs not included. See note under Tomato Packs By Region. (a) Included in Misc.

CANNED TOMATOES — CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season beginning year shown)

	1976	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985
Carryover 7/1....	8,961	6,917	12,157	10,866	9,017	7,423	4,791	7,202	7,207	8,377
Pack, 7/1-1/1....	31,439	40,375	36,167	38,491	38,019	37,410	32,059	28,185	31,583	28,066
Pack, 1/1-4/1....	226	457	433	389	163	728	295	264	249	P
Pack, 4/1-7/1....	661	466	648	349	547	691	787	893	671	P
Canner Supply ..	41,287	48,215	49,405	50,094	47,746	46,252	37,932	36,544	39,710	P
CANNER SHIPMENTS										
7/1 to 1/1.....	18,514	18,496	19,130	20,585	22,298	23,547	17,108	16,341	17,773	15,332
1/1 to 4/1.....	10,849	10,890	11,100	13,102	11,036	10,057	8,381	8,398	11,234	P
4/1 to 7/1.....	5,008	6,672	8,309	7,390	6,989	6,185	5,240	4,599	2,326	P
Tot. 7/1 to 7/1....	34,370	36,058	38,539	41,077	40,322	39,790	30,730	29,337	31,333	P
CANNER STOCKS										
January 1.....	21,886	28,796	29,194	28,771	24,738	21,286	19,742	19,046	21,017	21,111
April 1.....	11,263	18,363	18,527	16,058	13,865	11,957	11,656	10,913	10,033	P
July 1.....	6,917	12,157	10,866	9,017	7,423	6,462	7,202	7,207	8,377	P
EXPORTS**.....	1,256	984	1,176	1,779	1,456	1,341	832	583	498	664
GVM'T PURCHASES**										
Armed Forces....	349.1	793.7	518.2	518.4	532.6	583.8	425.3	676.5	517.1	576.2
USDA.....	590.6	1,936.0	1,581.4	2,858.3	431.0	36.4	75.6	722.5	1,086.8	1,852.6
Vet. Admin.....	91.8	66.3	35.0	75.5	80.1	65.8	n.a.	n.a.	n.a.	n.a.

*Not comparable to earlier years. Calif. concentrated crushed packs deleted. See Note under Tomato Packs By Region. **Basis 1,000 cases 24/303, Season beginning year shown. Calendar year for Exports. P - Not available at press time. ¹July 1 to March 31.

TOMATO CATSUP PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

(Thousands of Actual Cases—Figures Rounded)

1942 ... 11,771	1948 ... 16,897	1954 ... 18,565	1960 ... 33,318	1966 ... 41,450	1972* ... 6,403
1943 ... 9,382	1949 ... 10,900	1955 ... 22,947	1961 ... 33,706	1967 ... 44,256	1973* ... 6,518
1944 ... 11,688	1950 ... 14,793	1956 ... 30,301	1962 ... 42,018	1968* ... 10,509	1974* ... 7,739
1945 ... 11,484	1951 ... 24,015	1957 ... 24,079	1963 ... 34,705	1969* ... 4,950	1975* ... 10,083
1946 ... 15,751	1952 ... 19,652	1958 ... 28,364	1964 ... 38,775	1970* ... 5,377	1976* ... 5,313
1947 ... 20,661	1953 ... 19,116	1959 ... 25,774	1965 ... 41,130	1971* ... 7,490	1977* ... 8,065

Thousands of Cases 6/10 and larger

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
† California.....	3,820	6,864	5,605	5,742	4,575	3,959	4,422	4,719	4,566	4,072
Other States.....	1,493	1,201	1,155	883	975	911	1,320	1,333	2,107	2,264
Total.....	5,313	8,065	6,760	6,575	5,550	4,870	5,742	6,052	6,673	6,336

*Includes only No. 10's & larger 1968 and thereafter. Includes bulk packs converted to #10's. See also Bureau of Census reports, under Pulp pack. † Reports by California League of Food Processors.

CHILI SAUCE PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn. and California League of Food Processors
(Thousands of Actual Cases—Figures Rounded)

1947 3,621	1952 2,848	1957 2,208	1962 2,889	1967 2,453	1972 2,511
1948 2,544	1953 2,563	1958 2,099	1963 2,145	1968 3,355	1973 2,225
1949 1,370	1954 1,979	1959 2,826	1964 2,443	1969 2,506	1974 2,099
1950 1,814	1955 2,395	1960 2,567	1965 2,646	1970 2,427	1975 2,126
1951 3,220	1956 3,292	1961 2,489	1966 2,853	1971 2,195	1976 2,442

PACK BY SIZE OF CONTAINER — ACTUAL CASES

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
12 oz. glass	1,573	1,251	1,310	1,185	1,289	1,208	1,495	1,192	†460	†309
6/10 tin	369	859	1,468	966	972	770	796	764	†656	†773
Total A/C	2,442	2,111	2,778	2,151	2,261	1,978	2,292	1,956	2,248	2,147
Tot. Basis 12/12 oz.	6,518	6,141	9,663	6,680	5,723	4,719	5,127	4,674	5,518	5,858
Tot. Basis 24/303's	1,955	1,776	2,834	1,977	2,038	1,680	1,826	1,665	1,965	2,086
† California	1,395	1,313	1,854	1,317	1,331	1,001	1,085	993	1,116	1,082
Other States	1,047	798	924	834	930	977	1,207	963	1,132	1,065

*Includes larger sizes converted to 6/10.

† California only. Reports by California League of Food Processors.

TOMATO JUICE PACKS IN THE U.S.*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.
(Thousands of Actual Cases—Figures Rounded)

1931 4,584	1939 11,091	1946 30,525	1953 32,733	1960 29,937	1967 33,151
1933 4,170	1940 12,414	1947 16,880	1954 23,466	1961 28,845	1968 31,359
1934 5,704	1941 19,046	1948 32,701	1955 23,699	1962 36,457	1969 26,388
1935 9,287	1942 20,738	1949 20,560	1956 28,017	1963 31,284	1970 27,998
1936 13,105	1943 19,252	1950 22,741	1957 28,483	1964 32,397	1971 29,540
1937 13,445	1944 26,487	1951 31,626	1958 32,621	1965 30,564	1972 23,741
1938 8,988	1945 24,553	1952 31,417	1959 28,303	1966 29,753	1973 26,771

Units per Case & Size of Cont'nr	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982D
48/5-6-8 Oz.	7,230	6,300	6,986	5,932	5,750	6,814	6,177	5,455	4,100	3,863
48/211 Cyl.	540	840	492	652	687	552	370	592	772	562
24/300 & 303 x406-500	637	608	654	547	472	310	354	(a)	(a)	(a)
24/No. 2	1,273	917	1,034	695	704	498	526	381	223	222
12/29-32-36 oz. ...	1,176	2,520	2,337	1,615	1,276	1,738	1,277	1,175	(a)	986
12/No. 3 Cyl.	14,833	15,414	15,775	15,036	12,427	15,862	15,052	12,948	7,547	11,534
6/No. 10	171	372	418	234	383	407	394	36	(a)	(a)
Misc. Tin & Gl. ...	902	1,083	7	4	13	133	161	1,159	1,433	1,293
Total	26,771	28,053	27,603	24,764	21,711	26,313	24,312	21,746	14,075	18,461
† California	16,145	16,240	17,242	14,544	14,683	13,958	13,743	13,843	9,150	11,465
Other States	10,626	11,814	10,360	10,220	7,028	12,356	10,569	7,903	4,925	6,996
Tot. Basis 303's ..	33,936	36,133	35,358	32,155	27,844	33,920	31,517	27,617	17,507	23,955

*Figures through 1967 include tomato juice cocktail. 1968 and thereafter include only tomato juice concentrate and tomato juice. † Reports by California League of Food Processors. (a) In Misc. D - Reports discontinued in 1983.

TOMATO PULP (PUREE) PACKS IN THE U.S.*

(Thousands of Actual Cases)

REGION*	1976	1977	1978	1979	1980	1981	1982	1983	†1984	†1985
EAST.....	349	257	215	298	125	284	313	(b)	n.a.	n.a.
MIDWEST.....	210	214	207	201	166	183	276	600	n.a.	n.a.
WEST.....	4,706	5,709	4,884	6,036	4,763	3,861	5,560	4,820	n.a.	n.a.
SOUTH.....						(b)	(b)	(b)	n.a.	n.a.
Total Act. Ca.	5,265	6,180	5,305	5,535	5,054	4,329	6,150	5,420	n.a.	n.a.
Tot. Bas. 24/303....	8,377	9,824	8,425	10,395	8,141	6,900	9,788	8,703	n.a.	n.a.
Tot. Bas. 6/10.....	5,159	6,050	5,188	6,401	5,013	4,249	6,027	5,359	n.a.	n.a.
California A/C....	4,696	5,703	4,876	6,031	4,762	3,860	5,556	4,816	3,917	3,698
Other States.....	569	477	429	504	292	469	594	604	n.a.	n.a.
BY CONTAINER SIZE										
24/300/303's.....	211	341	324	395	177	231	321	249	150	(a)
24/2's.....	35	27	31	33	30	32	47	(a)	(a)	(a)
24/2½'s.....	1,743	1,385	1,545	2,225	1,658	1,591	1,698	1,744	786	702
6/10's**.....	2,846	4,148	3,103	3,452	2,904	2,156	3,730	3,113	2,778	2,662
Misc.....	431	279	303	430	285	319	353	314	203	334
Tot. A/C.....	5,265	6,180	5,305	6,535	5,054	4,329	6,150	5,420	3,917	3,698

*303 details not available in later years. Table revised with 1985 Almanac to reflect actual cases by Region. See NFPA definitions of Region in box at beginning of this Section VIII. **Includes larger sizes in Calif. converted to 6/10's. †California only. (a) In other or misc. (b) In Midwest. n.a. - Not available.

TOMATO PRODUCT PACKS AND VALUES REPORTED BY BUREAU OF CENSUS

Thousands of Cases and Millions of Dollars

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	PackR	Value	Pack	Value
1Tomato Sauces.....	25,197	131.2	28,414	146.9	51,716	414.5	77,364	803.6
7.1 oz to 10 oz (8z S & T etc)	11,355	63.4	12,699	73.4	9,286	81.5	14,971	193.4
Other Sizes.....	13,842	67.8	15,715	73.5	42,430	333.0	62,393	610.2
Catsup.....	42,134	200.7	44,514	229.5	49,858	414.8	57,070	569.4
14 oz. to 32 oz.....	18,246	84.1	n.a.	n.a.	32,884	276.4	35,268	321.8
Other sizes (incl. indiv)...	23,598	115.9	n.a.	n.a.	16,974	138.4	21,802	247.6
Chili Sauce.....	2,758	11.8	3,020	15.4	5,416	40.7	4,733	44.5
Barbecue Sauce.....	4,434	18.2	8,006	34.6	6,009	38.5	15,357	149.5
Tomato Paste.....	13,699	101.1	14,262	130.3	25,771	343.9	31,163	472.6
4.1 oz to 7 oz (6 oz. etc)...	3,768	23.3	5,335	32.1	4,613	46.4	7,423	81.1
100.1 oz. to 115 oz. (No. 10)	2,304	22.7	2,061	21.8	2,537	33.3	1,775	28.9
Other (incl. bulk-equiv 24%)	7,627	55.1	6,866	76.4	18,621	264.2	21,965	362.6
Tom Pulp & Puree....	7,233	41.0	6,849	37.1	9,356	76.0	10,713	120.9
Other Tom Prod. n.s.k.	1,225	4.4	1,663	9.5	.....	21.6	.....	14.1
TOTAL.....	96,680	507.7	106,728	603.3	148,126	1,350.0	196,400	2,174.4

¹Except catsup & chili sauce, pulp, puree, or paste. ²775.1 million pounds converted to thousands of cases, basis 6/10's. ³914.3 mil. lbs. converted to thousand cases, basis 6/10's. R - Revised.

THE 1986-87 DIRECTORY OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

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CANNED FRUIT PACK STATISTICS

Compiled by National Food Processors Assn.; California League of Food Processors;
Florida Citrus Processors Assn.; Northwest Food Processors

GLASS PACK: In most of the tables showing the pack by Size of Container, all Glass pack has been included with tin of comparable size; viz., No. 2½ jar with No. 2½ tin; 16 oz. jar with 303 tin, etc.

SUMMARY OF CANNED FRUIT AND FRUIT JUICE PACKS

Thousands of Cases—Basis 24/2½—Figures Rounded

FRUITS	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Apples (b)	1,566	1,703	2,089	2,414	1,648	1,317	1,586	1,553	D	D
Applesauce (b) ...	8,911	10,671	11,562	12,742	10,636	8,819	10,875	†10,480	D	D
Apricots	2,387	2,269	2,127	2,887	2,994	1,208	1,626	1,167	1,861	1,532
Blackberries	57	37	53	10	17	38	47	46	D	D
Blueberries	168	77	181	96	78	327	289	167	D	D
RSP Cherries	438	605	582	526	545	213	471	189	389	390
Sweet Cherries ...	464	501	485	651	428	316	498	496	357	405
Cranb. Sca.	3,469	3,397	3,670	3,618	3,633	3,542	3,562	D	D	D
Frt. Cocktail (c) ...	13,605	12,979	11,704	13,815	14,826	11,383	8,722	8,223	8,671	10,058
Frt. for Salad (c) ...	518	595	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)
Fla. Grapef. Seg. (b)	1,188	1,210	1,258	1,355	1,152	926	851	D	D	D
Misc. Fr. (a)	41	9	39	97	113	41	54	38	D	D
Mixed Fr. (c)	731	1,564	2,153	3,145	3,215	2,545	2,401	1,335	2,506	2,509
Peaches	24,810	29,217	21,413	25,840	26,765	21,763	18,608	11,421	19,512	18,401
Pears	11,518	9,614	9,026	10,568	10,928	9,700	7,789	7,214	7,657	7,813
Pineapple (b)	17,270	18,424	18,349	†18,545	†17,057	†16,640	D	D	D	D
Purple Plums	1,042	817	923	711	1,066	940	375	443	577	642
Total Fruits	88,183	93,689	85,614	97,020	95,100	79,718	56,960	42,772	41,530	41,750
No. Prod. in Totals ..	15	15	15	15	15	15	14	12	9	9
FRUIT JUICES (b)										
Apple	10,920	12,906	17,137	18,237	18,863	18,728	18,732	D	D	D
Grapefruit (f)	19,105	18,202	17,371	16,307	13,082	15,230	8,029	6,555	7,271	P
Orange (f)	9,960	10,922	12,576	12,289	11,849	9,852	6,754	6,260	5,117	P
Citrus Blend (f) ...	1,093	1,342	986	1,045	736	556	448	382	424	P
Pineapple	7,041	8,264	7,822	†8,408	†9,391	†9,237	D	D	D	D
Total Juices	48,119	51,636	55,892	56,286	53,921	53,603	*	*	*	*
Total Fruits & Juices	136,302	145,325	141,506	153,306	149,021	133,256	*	*	*	*

(a) Includes Boysenberries, Loganberries, Youngberries, Gooseberries, Raspberries, Strawberries, Plums not purple, Rhubarb. (b) Pack beginning year shown. (c) California. D - Reports discontinued to avoid disclosure. (e) Included with Mixed Fruit. (f) Florida only beginning 1982. P - Not available at press time. *Not complete. †Calendar year.

U.S. PACKS OF APPLES

Thousands of Cases — Pack Beginning Year Shown

Actual Cases	1935	2,332	1943	1,878	1950	5,265	1958	3,639	1966	3,483	
1923	2,126	1936	2,620	1944	3,356	1951	3,388	1959	4,034	1967	3,676
1925	3,467	1937	2,672	1945	1,192	1952	2,560	1960	3,326	1968	3,604
1927	2,939	1938	1,751	Basis 6/10's		1953	2,942	1961	3,986	1969	3,128
1929	2,593	1939	2,841	1946	3,266	1954	4,709	1962	4,036	1970	2,271
1931	2,067	1940	2,250	1947	2,242	1955	3,587	1963	4,062	1971	2,564
1933	2,554	1941	4,348	1948	1,687	1956	3,917	1964	3,928	1972	2,350
1934	2,584	1942	4,165	1949	4,213	1957	3,668	1965	4,409	1973	3,528

PACKS OF APPLES BY AREA

Thousands of cases - Basis 6/10's per case—Pack Aug. 1 to Aug. 1 Beginning Year Shown

	*1974	1975	1976	1977	1978	1979	1980	1981	1982	†1983
East¹	1,569	623	836	961	1,084	1,274	895	892	1,196	n.a.
Wash., Ore., Ida. ...	446	376	549	493	322	549	586	276	227	n.a.
Other States	349	213	317	397	513	393	311	264	301	n.a.
Total U.S.	2,365	1,213	1,702	1,851	1,919	2,216	1,791	1,431	1,724	1,688

*Sept. 1 to Sept. 1.
Va., W.Va., N.Y.

†Aug. 1, 1983 to June 1, 1984. Reports discontinued thereafter.

¹Includes Md., Pa.

U.S. PACK OF APPLE SAUCE

Thousands of Actual Cases, Figures Rounded. Pack Aug. 1 to Aug. 1 beginning Year Shown.

1929 904	1938 1,527	1945 1,984	1952 9,397	1959 17,904	1966 20,166
1931 1,010	1939 3,057	1946 8,840	1953 11,732	1960 18,266	1967 24,452
1933 1,730	1940 2,635	1947 6,084	1954 16,017	1961 18,768	1968 25,263
1934 1,892	1941 4,182	1948 4,852	1955 14,078	1962 20,991	1969 28,266
1935 1,887	1942 4,590	1949 8,974	1956 16,115	1963 21,475	1970 24,291
1936 2,353	1943 2,226	1950 13,321	1957 14,636	1964 25,095	1971 26,399
1937 3,161	1944 4,302	1951 9,456	1958 16,599	1965 25,836	1972 20,767
					1973 25,313

PACK OF APPLE SAUCE BY STATE AND SIZE OF CONTAINER

	*1974	1975	1976	1977	1978	1979	1980	1981	1982	D1983
East	18,728	8,688	8,906	10,701	12,145	12,654	10,691	8,870	12,423	10,157
West	3,895	3,643	3,446	3,343	3,356	4,903	4,009	3,437	2,664	4,105
Other States	5,771	3,788	3,604	4,104	4,062	4,458	3,913	3,028	4,223	3,108
Tot. U.S.	28,393	16,118	15,355	18,148	19,564	22,015	18,613	15,335	19,311	17,371
24/8 oz	1,726	222	235	323	280	689	95	79	29	.....
24/300-303	7,891	6,033	5,338	4,636	5,217	6,195	4,876	3,987	3,653	3,296
24/15 oz	1,866	755	768	881	1,011	956	1,410	768	810	741
12/25 oz. (a)	4,641	2,188	2,122	3,056	3,478	3,919	3,606	3,139	4,987	3,625
12/35 oz	3,710	1,476	1,557	2,109	2,076	2,067	1,316	1,480	1,658	1,230
6/50 oz	3,279	2,370	2,778	3,457	3,382	3,959	4,022	3,136	4,723	3,827
6/10	4,246	2,751	2,349	3,166	3,958	3,915	3,115	2,505	3,197	3,858
Misc. Tin & Gl. (b)	1,035	324	210	519	162	316	173	240	254	694

(a) Includes 25 oz. glass and 3 cyl. tin. (b) Includes 24/2½. *Sept. 1 to Sept. 1. D - Pack to 6/1/84. Reports discontinued.

U.S. PACKS OF APPLE JUICE

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

Thousands of Actual Cases, Figures Rounded, Pack Aug. 1 to Aug. 1 Beginning Year Shown.

1939 393	1945 1,316	1951 3,174	1957 4,653	1963 8,558	1969 13,503
1940 506	1946 3,524	1952 3,199	1958 5,346	1964 9,784	1970 14,472
1941 1,726	1947 1,181	1953 3,081	1959 6,769	1965 9,670	1971 14,148
1942 1,645	1948 1,181	1954 4,220	1960 6,289	1966 8,953	1972 14,277
1943 1,740	1949 2,770	1955 3,508	1961 6,974	1967 9,029	1973 15,623
1944 2,851	1950 3,470	1956 4,266	1962 7,483	1968 9,641	1974 16,399

PACK OF APPLE JUICE BY AREA AND SIZE OF CONTAINER

	1973	*1974	1975	1976	1977	1978	1979	1980	1981	D1982
East	10,100	10,933	8,473	8,738	11,044	13,941	13,589	13,921	13,195	15,392
Midwest	1,527	1,819	2,564	2,386	2,257	4,905	2,783	2,861	3,223	4,635
West	3,996	3,647	4,889	5,429	6,528	7,515	11,707	12,623	13,214	10,204
Total U.S.	15,623	16,399	15,926	16,553	19,828	26,361	28,079	29,405	29,632	30,232
48/5 to 6 oz. Tin ...	1,777	1,819	1,491	1,915	2,235	3,285	2,638	2,641	2,909	4,097
12/3 Cyl-46 oz T. ...	3,629	3,193	3,037	2,491	2,662	3,624	3,348	2,910	2,169	2,684
24/12 oz. glass ...	76	41	56	450	676	867	1,019	1,246	1,304	(a)
12/32 oz. glass ...	6,264	6,231	4,266	3,787	4,863	5,425	5,826	4,713	3,778	4,113
12/40 oz. glass ...	828	929	989	810	854	1,138	836	764	618	514
6/64 oz. glass	2,272	2,714	3,545	4,520	5,841	8,502	10,440	12,517	13,971	14,084
4/1 gallon jug	600	960	1,609	1,730	1,629	2,003	2,479	2,113	2,389	2,586
Misc. tin & gl.	176	511	933	850	1,068	1,516	1,493	2,501	2,495	2,153
Tot Basis 24/2 ...	14,793	15,433	15,264	15,412	18,218	24,146	25,751	26,446	26,275	26,694
Tot Basis 24/2½.	10,265	10,811	10,826	10,920	12,906	17,137	18,237	18,863	18,728	18,732

*Sept. 1 to Sept. 1. D - Reports discontinued with the 1982-83 pack. (a) In Misc. East: Md., Mass., N.H., N.Y., Pa., Va., W.Va. Midwest: Mich., Mo., Ohio, Wis. West: Cal., Col., Ore., Wash.

U.S. PACKS OF APRICOTS

California Pack, Stock & Shipments Compiled by California League of Food Processors

Thousands of Actual Cases, Figures Rounded

1923 ...	*1,562	1932	1,895	1941	4,538	1950	4,473	1959	6,818	1968 ...	*6,594
1924 ...	*2,050	1933	2,666	1942	3,449	1951	5,696	1960	8,006	1969 ...	*7,851
1925 ...	*2,197	1934	2,165	1943	1,256	1952	5,101	1961	6,213	1970 ...	*4,979
1926 ...	3,394	1935	3,476	1944	8,030	1953	6,443	1962	5,242	1971 ...	*4,604
1927 ...	*3,117	1936	3,135	1945	4,238	1954	3,731	1963	5,369	1972 ...	*4,273
1928 ...	*2,097	1937	5,967	1946	10,802	1955	7,831	1964	6,935	1973 ...	*5,634
1929 ...	4,267	1938	1,795	1947	3,342	1956	5,558	1965	6,769	1974 ...	*2,793
1930 ...	*2,069	1939	3,756	1948	5,316	1957	5,603	1966 ...	*6,958	1975 ...	*6,145
1931 ...	2,116	1940	2,343	1949	2,881	1958	2,554	1967 ...	*5,884	1976 ...	*3,377

*California only.

CALIFORNIA PACK OF APRICOTS BY SIZE OF CONTAINER

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/2½	576	342	404	568	636	189	238	108	318	181
24/8 oz.	565	726	450	646	438	171	259	200	306	209
24/303 & 300	1,087	1,498	1,125	1,637	1,545	602	1,106	794	1,309	881
6/10	1,069	926	1,005	1,267	1,442	648	731	516	771	858
Misc.	81	13	34	53	38	54	11	74	.....	.....
Total a/c	3,377	3,505	3,019	4,170	4,097	1,663	2,345	1,692	2,704	2,129
Tot. Bas. 2½'s	2,387	2,269	2,127	2,887	2,994	1,208	1,626	1,167	1,861	1,532

STYLE - 1982 pack (1983 in parentheses) thousands of actual cases - Halves - 2,187 (1,555); Whole Peeled - 88 (69); Whole Unpeeled - 70 (68). Report discontinued in 1984 to avoid disclosure.

APRICOTS—CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season beginning year shown)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Carryover 6/1	2,094	1,141	711	419	1,056	1,527	381	316	153	724
Pack	3,377	3,505	3,019	4,170	4,097	1,663	2,345	1,692	2,704	2,129
Canner Supply ..	5,472	4,646	3,730	4,590	5,153	3,190	2,726	2,008	2,857	2,853
CANNER SHIPMENTS ¹										
6/1 - 12/1 (6/1 - 1/1)	2,647	2,509	2,008	2,004	2,087	1,637	1,375	1,227	1,246	1,310
12/1 - 3/1 (1/1 - 4/1)	1,137	894	723	714	763	607	558	335	435	556
3/1 - 6/1 (4/1 - 6/1)	545	532	580	816	777	565	477	292	452	P
Total Shipments ..	4,330	3,936	3,311	3,534	3,626	2,809	2,410	1,854	2,133	P
CANNER STOCKS ¹										
Dec. 1 (Jan. 1) ...	2,824	2,137	1,722	2,585	3,066	1,553	1,351	781	1,611	1,543
Mar. 1 (April 1) ...	1,687	1,243	999	1,872	2,304	946	793	445	1,176	987
June 1	1,141	711	419	1,056	1,527	381	316	153	724	P
EXPORTS*	60	52	109	89	51	59.1	54.5	37.6	19.5	19.1
GOV. PURCHASES*										
Armed Forces	32.5	41.4	43.8	57.8	62.6	20.8	38.6	5.7	4.5	34.5
U.S.D.A.	226.7	115.4	.....	419.0	312.8	.....	16.0	.....	474.4	38.0
Vet. Adm.	16.4	26.2	22.7	26.3	15.1	*15.4	n.a.	n.a.	n.a.	n.a.

*Basis 1,000 cases 24/2½, calendar year for exports. ¹Dates in parentheses () apply to years prior to 1978.
²7/1/85 to 3/31/86. *Estimate. P - Not available at press time 6/15/86.

U.S. PACKS OF RED PITTED CHERRIES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

All figures refer to thousands of Actual Cases, all size containers

1929 1,124	1939 3,155	1947. ... 2,397	1955. 4,902	1963. 1,814	1971. 1,477
1931 1,498	1940 3,423	1948. 3,552	1956. 2,749	1964. 4,812	1972. 1,631
1933 1,725	1941 2,064	1949. 3,445	1957. 3,604	1965. 3,166	1973. 765
1934 1,855	1942 3,062	1950. 5,023	1958. 2,746	1966. 1,258	1974. 1,592
1935 2,563	1943 562	1951. 4,672	1959. 4,128	1967. 1,077	1975. 1,639
1936 1,450	1944 3,072	1952. 3,892	1960. 2,219	1968. 1,600	1976. 550
1937 2,472	1945 1,326	1953. 3,849	1961. 3,139	1969. 2,112	1977. 772
1938 1,695	1946 3,086	1954. 3,086	1962. 4,224	1970. 1,392	1978. 735

PACK OF RP CHERRIES BY AREA AND SIZE OF CONTAINER

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East	62	32	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Midwest	410	673	672	629	635	277	546	232	489	474
West	78	67	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total U.S.	550	772	735	718	707	315	642	299	580	592
Total Bas. 2½'s...	438	605	582	526	545	213	471	189	389	390
24/303 & 300	193	322	274	385	301	218	336	243	406	437
6/10	357	357	440	333	407	97	306	56	173	(a)
Misc. ....	.....	94	21	.....	.....	.....	.....	.....	.....	154

*Doe not include pie filling. n.a. - In total. (a) Included with Misc.

U.S. PACKS OF CANNED SWEET CHERRIES

Compiled by Nat'l. Food Processors Assn. & Northwest Food Processors Assn.

All figures refer to thousands of Actual Cases, all size containers

1923... (a)990	1932.... (a)522	1941 934	1950..... 1,146	1959..... 1,104	1968 898
1924... (a) 596	1933... (a) 860	1942..... 1,022	1951..... 1,421	1960..... 1,094	1969..... 1,622
1925... (a) 609	1934 526	1943 912	1952..... 2,100	1961..... 1,847	1970..... 1,065
1926... 1,236	1935 535	1944 932	1953..... 1,755	1962..... 1,839	1971 861
1927 568	1936 570	1945 1,415	1954..... 1,683	1963 876	1972 621
1928 914	1937 519	1946 2,082	1955..... 2,318	1964..... 1,678	1973 796
1929 1,017	1938 730	1947 680	1956..... 1,216	1965..... 1,241	1974 983
1930... (a)1,202	1939 1,073	1948 1,067	1957..... 1,684	1966..... 1,025	1975 648
1931 406	1940 630	1949 2,311	1958..... 1,659	1967..... 1,314	1976 717

(a) West only.

PACK OF SWEET CHERRIES BY AREA AND SIZE OF CONTAINER

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Northwest	587	620	578	751	439	336	566	549	391	426
Other States ¹	130	154	188	222	176	125	150	210	150	162
Total U.S.	717	774	766	973	615	461	716	759	542	588
Total Bas. 2½'s...	464	501	485	651	428	316	498	496	357	405
24/2½	17	28	14	21	21	11	19	18	15	18
24/8 oz.	51	46	74	30	17	5	20	11	m	m
24/303*	473	528	498	649	368	301	423	551	375	360
6/10	172	172	177	270	205	135	249	174	135	193
Misc.	4	.....	3	2	4	9	4	5	16	17

¹Michigan and New York thru 1980; Michigan only 1981-1983. Midwest thereafter.

*Includes 24/300's and

24/1 Tall. m - In Misc.

CALIFORNIA PACK OF FRUIT COCKTAIL

Compiled by the California League of Food Processors
Thousands of Actual Cases, Figures Rounded

1934	1,168	1941	4,989	1948	11,219	1955	14,886	1962	20,821	1969	26,039
1935	1,650	1942	5,484	1949	6,995	1956	17,485	1963	19,147	1970	19,481
1936	2,157	1943	5,653	1950	8,570	1957	16,690	1964	24,750	1971	20,562
1937	3,152	1944	6,302	1951	10,743	1958	16,762	1965	22,410	1972	17,738
1938	1,942	1945	6,112	1952	10,971	1959	18,730	1966	24,839	1973	20,030
1939	3,563	1946	7,832	1953	12,137	1960	19,936	1967	21,335	1974	22,211
1940	4,189	1947	9,082	1954	13,461	1961	20,949	1968	26,170	1975	20,236

FRUIT COCKTAIL PACKS BY SIZE OF CONTAINER

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/2½*	3,574	3,959	3,346	4,015	4,385	3,302	2,274	2,299	2,525	2,467
24/8 oz.	2,248	2,640	2,262	2,327	2,006	1,452	1,421	1,017	1,338	1,339
24/300 & 303	10,903	10,365	8,962	10,258	10,445	9,690	6,921	6,388	6,298	7,033
6/10	3,510	2,637	2,858	3,622	4,327	2,378	2,302	2,180	2,386	3,486
Total	20,234	19,601	17,428	20,222	21,163	16,822	12,918	11,884	12,547	14,325
Tot. Basis 2½'s	13,605	12,979	11,704	13,815	14,826	11,383	8,722	8,223	8,671	10,058

CALIFORNIA PACKS OF FRUITS FOR SALAD AND MIXED FRUITS

Thousands of Actual Cases, Figures Rounded

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8 oz.	183	204	166	171	143	53	59	*	*	*
24/300 & 303	454	1,057	1,630	2,935	2,146	1,571	2,004	926	1,985	1,865
24/2½*	353	² 262	472	447	521	521	250	253	418	394
6/10	635	¹ 1,362	796	1,061	1,554	1,210	1,078	603	1,040	1,144
Tot actual cases	1,626	2,885	3,063	4,613	4,364	3,355	3,391	1,782	3,443	3,403
Tot basis 24/2½	1,249	2,160	2,153	3,145	3,215	2,545	2,401	1,335	2,506	2,509

*To avoid disclosure, packs in sizes not shown have been converted to 2½'s and included with that size.
¹No. 2½ salad pack converted to 10's and included with that size.

FLORIDA PACK OF GRAPEFRUIT SEGMENTS

Compiled by Florida Citrus Processors Association

Thousands of Actual Cases, Figures Rounded—Pack year beginning Oct. 1 of year shown.

1925	88	1937	3,655	1945	2,272	1953	5,070	1961	4,621	1969	3,906
1927	465	1938	4,229	1946	5,586	1954	6,081	1962	3,110	1970	3,341
1929	1,175	1939	4,073	1947	3,426	1955	5,483	1963	3,589	1971	3,113
1931	1,599	1940	3,153	1948	4,464	1956	5,001	1964	4,290	1972	2,952
1933	2,398	1941	4,410	1949	3,414	1957	4,650	1965	4,603	1973	3,349
1934	3,748	1942	897	1950	4,751	1958	5,072	1966	5,448	1974	2,436
1935	2,411	1943	985	1951	3,819	1959	4,375	1967	4,011	1975	1,710
1936	4,279	1944	485	1952	4,407	1960	4,766	1968	3,983	1976	1,873

*1925-1961 are U.S. Total figures.

PACK OF GRAPEFRUIT BY SIZE OF CONTAINER

	1973	1974	1975	1976	1977	1978	1979	1980	1981	*1982
24/8 oz.	284	174	82	157	163	158	83 ¹	42 ¹	63 ¹	(a)
24/303	2,623	1,888	1,323	1,387	1,422	1,442	1,543	1,282	1,042	1,053
12/3 Cyl	442	374	305	326	324	368	407	387	283	284
Misc.	.....	.....	.....	2	3	.....	.....	.....	.....	.....
Total	3,349	2,436	1,710	1,873	1,912	1,969	2,033	1,711	1,388	1,287

*Reports discontinued 1983-84 season. ¹Basis 48/8 oz. (a) 48/8 oz. included in 303's.

U.S. PACKS BLENDED GRAPEFRUIT & ORANGE JUICE

Thousands of Actual Cases, Figures Rounded — Pack beginning year shown.

1935.....81	1943.....5,563	1951.....5,615	1959.....3,766	1967.....1,809	1975.....2,363
1936.....266	1944.....7,016	1952.....5,263	1960.....2,644	1968.....2,141	1976.....1,262
1937.....526	1945.....11,800	1953.....5,577	1961.....3,288	1969.....1,984	1977.....1,557
1938.....676	1946.....9,076	1954.....4,353	1962.....2,635	1970.....2,046	1978.....1,138
1939.....1,301	1947.....10,568	1955.....4,580	1963.....2,135	1971.....1,626	1979.....1,279
1940.....2,285	1948.....9,457	1956.....4,492	1964.....2,084	1972.....1,710	1980.....860
1941.....2,043	1949.....6,492	1957.....4,140	1965.....2,384	1973.....1,573	1981.....673
1942.....3,108	1950.....8,269	1958.....3,624	1966.....3,053	1974.....1,363	

*FLORIDA PACK OF CANNED BLENDED JUICE

	1978	1979	1980	1981	1982	1983	1984
24/12 oz.....	.....	.....	.....	.....	.....	.....	.....
48/6 oz.....	28	25	23	21	11	17	20
12/3 cyl.....	959	1,007	758	558	503	426	471
Other (Converted to 24/2's)...	10	10	.....	.....	.....	.....	.....
Total.....	997	1,042	781	579	514	442	491
Total Basis 24/2's.....	1,255	1,314	984	727	650	555	615
Sweetened (Basis 24/2's).....	139	62	23	19	8	7	6
Unsweetened (Basis 24/2's)...	1,115	1,252	961	708	643	548	609

U.S. PACKS OF GRAPEFRUIT JUICE

Thousands of Actual Cases, Figures Rounded — Pack beginning year shown.

1929.....116	1940.....14,071	1949.....10,795	1958.....9,938	1967.....14,063	1976.....25,921
1931.....287	1941.....11,051	1950.....16,298	1959.....9,862	1968.....17,207	1977.....25,505
1933.....740	1942.....20,061	1951.....8,469	1960.....9,566	1969.....20,080	1978.....24,451
1934.....2,556	1943.....22,637	1952.....10,515	1961.....9,811	1970.....23,854	1979.....24,223
1935.....2,236	1944.....19,261	1953.....14,638	1962.....8,380	1971.....24,891	1980.....19,303
1936.....6,016	1945.....22,483	1954.....11,041	1963.....5,662	1972.....25,987	1981.....21,383
1937.....8,022	1946.....15,173	1955.....12,814	1964.....9,741	1973.....26,579	
1938.....9,199	1947.....14,869	1956.....13,535	1965.....12,215	1974.....20,158	
1939.....9,657	1948.....12,803	1957.....9,335	1966.....18,377	1975.....24,544	

*FLORIDA PACK OF CANNED GRAPEFRUIT JUICE

	1978	1979	1980	1981	1982	1983	1984
24/12 oz.....	.....	760	756	793	709	734	706
48/6 oz.....	5,696	5,782	5,036	4,827	3,897	3,452	3,807
12/3 cyl.....	9,582	9,368	8,019	9,355	6,688	5,234	5,891
Other (Converted to 24/2's)...	786	268	119	20	31	32	13
Total.....	15,963	16,178	13,931	14,996	11,325	9,452	10,417
Total Basis 24/2's.....	16,764	16,604	14,231	15,725	11,651	9,513	10,552
Sweetened (Basis 24/2's).....	676	501	422	389	352	224	364
Unsweetened (Basis 24/2's)...	16,087	16,103	13,810	15,336	11,299	9,288	10,188

U.S. PACKS OF ORANGE JUICE

Thousands of Actual Cases, Figures Rounded—Pack beginning year shown.

1939.....3,578	1946.....17,135	1953.....17,491	1960.....13,169	1967.....12,551	1974.....13,011
1940.....4,012	1947.....23,993	1954.....18,771	1961.....16,146	1968.....15,691	1975.....13,262
1941.....4,406	1948.....18,039	1955.....17,953	1962.....13,367	1969.....17,082	1976.....14,187
1942.....2,703	1949.....17,667	1956.....20,059	1963.....10,639	1970.....16,966	1977.....16,166
1943.....7,372	1950.....20,871	1957.....18,562	1964.....13,496	1971.....15,927	1978.....18,905
1944.....14,229	1951.....19,126	1958.....15,868	1965.....14,145	1972.....17,506	1979.....19,622
1945.....19,397	1952.....17,822	1959.....18,022	1966.....17,629	1973.....14,615	1980.....19,146
					1981.....15,956

*FLORIDA PACK OF CANNED ORANGE JUICE

	1978	1979	1980	1981	1982	1983	1984
24/12 oz.....	.....	1,323	1,550	1,542	1,544	1,363	1,089
48/6 oz.....	6,127	6,194	6,112	5,578	4,756	4,290	3,699
12/3 cyl.....	6,394	6,726	6,031	5,226	4,310	4,080	3,285
Other (Converted to 24/2's)...	964	259	195	75	91	99	34
Total.....	13,484	14,503	13,887	12,421	10,702	9,832	8,107
Total Basis 24/2's.....	13,222	13,869	13,012	11,503	9,802	9,084	7,425
Sweetened (Basis 24/2's).....	1,426	1,476	1,093	687	635	566	518
Unsweetened (Basis 24/2's)...	11,796	12,394	11,919	10,817	9,167	8,518	6,907

*Florida only. Season beginning year shown. Thousands of cases. Source: Florida Citrus Processors Association.

U.S. PACKS OF PEACHES†

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.
California figures compiled by California League of Food Processors and the Cling Peach Advisory Board.

Thousands of Actual Cases, Figures Rounded

1923 7,466	1932 6,633	1941 14,778	1950 18,576	1959 35,225	1968 45,822
1924 6,331	1933 10,576	1942 16,726	1951 25,826	1960 36,016	1969 45,700
1925 10,755	1934 8,936	1943 11,450	1952 22,727	1961 36,537	1970 34,290
1926 14,482	1935 11,747	1944 14,036	1953 25,557	1962 38,846	1971 31,514
1927 11,836	1936 11,183	1945 14,675	1954 22,118	1963 38,113	1972 29,321
1928 14,975	1937 13,880	1946 20,755	1955 27,357	1964 43,951	1973 29,943
1929 8,724	1938 10,400	1947 19,496	1956 34,092	1965 34,457	1974 39,695
1930 13,803	1939 12,116	1948 18,644	1957 29,776	1966 42,950	1975 34,980
1931 8,752	1940 11,464	1949 21,443	1958 29,808	1967 32,041	1976 30,465

† Spiced Peaches not included.

PACK OF PEACHES BY STATE AND SIZE OF CONTAINER

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
California										
Cling	27,933	33,791	24,883	30,391	30,624	26,033	22,652	14,339	24,259	21,935
Free	1,883	1,901	1,571	1,990	1,832	1,003	915	944		
Other States, Free..	649	229	333	304	288	314	14	21	1,090	1,310
Tot. U.S. a/c	30,465	35,921	26,786	32,685	32,744	27,351	23,581	15,304	25,349	23,245
Tot. Basis 2½	24,810	29,217	21,413	25,840	26,765	21,763	18,608	11,417	19,512	18,401
24/8Z	2,415	2,567	2,059	2,551	1,598	1,489	1,327	(a)	1,372	1,221
24/303*	7,904	9,478	7,169	9,778	9,334	9,148	8,010	6,428	9,825	7,862
24/2½	14,109	15,859	11,386	12,188	12,618	9,819	7,645	3,620	6,818	7,202
6/10	6,037	7,608	6,028	7,950	9,128	6,487	6,548	4,182	17,133	16,799
Misc. tin & gl		409	143	219	66	408	51	1,074	202	161

*Includes 303 and No. 1 Tall (a) In Miscellaneous. †Cling only. Freestone this size included in Misc.

CANNED PEACHES—CARRYOVER—PACK—STOCKS—SHIPMENTS

Thousands of Actual Cases — Figures Rounded. Season beginning year shown

	1976	1977	1978	1979	1980	1981	1982	†1983	†1984	†1985
Carryover 6/1	9,499	7,474	8,496	4,773	6,951	9,359	10,484	7,034	1,729	5,847
Pack	30,465	35,921	26,786	32,685	32,744	27,351	23,581	14,339	24,259	21,935
Canner Supply ..	39,964	43,395	35,283	37,458	39,695	36,710	34,066	21,373	25,988	27,782
CANNER SHIPMENTS ¹										
6/1-12/1 (6/1-1/1)	19,215	20,873	18,847	17,051	16,231	12,607	13,927	11,933	10,399	9,000
12/1-3/1 (1/1-4/1)	9,036	8,638	6,923	6,500	6,366	6,488	6,699	3,825	4,933	5,236
3/1-6/1 (4/1-6/1)	4,239	5,388	5,220	6,956	7,739	7,131	6,175	3,885	4,809	6,314
Total Ship	32,490	34,899	30,510	30,506	30,336	26,226	26,801	19,644	20,141	20,550
CANNER STOCKS ¹										
Dec. 1 (Jan. 1) ...	20,749	22,522	16,436	20,407	23,464	24,103	20,139	9,440	15,589	18,782
Mar. 1 (April 1) ...	11,713	13,885	9,993	13,907	17,098	17,616	13,440	5,615	10,656	13,546
June 1	7,474	8,496	4,773	6,951	9,359	10,484	7,265	1,729	5,847	7,232
EXPORTS**	2,311	2,655	4,180	2,622	2,818	2,689	1,885	1,329	675	511
GOVMT. PURCHASES**										
ARMED Forces ..	77.8	179.4	96.2	251.5	271.1	148.6	142.5	138.2	116.2	162.1
USDA	1,576.8	2,155.3	683.8	850.2	1,196.0	1,881.9	1,482.7	809.3	705.0	575.9
Vet Admin	36.9	35.8	47.4	51.5	38.4	40.0	n.a.	n.a.	n.a.	n.a.

**Basis 1,000 cases 24/2½. Calendar year for Exports. †Dates in parentheses () apply to years prior to 1978. n.a. - Not available. † California clingstone only. Not comparable to earlier years. ‡ July 1, 1985
thru March 31, 1986

U.S. PACKS OF PEARS

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.;
beginning in 1981 by the Northwest Food Processors Assn. and the California League of Food Processors.

Thousands of Actual Cases, Figures Rounded

1923 ...	*1,837	1932....	3,672	1941.....	7,166	1950.....	8,139	1959....	12,679	1968....	14,320
1924 ...	*2,205	1933....	4,997	1942.....	6,423	1951.....	9,003	1960....	11,483	1969....	14,736
1925 ...	4,108	1934....	6,163	1943.....	4,648	1952.....	8,187	1961....	12,098	1970....	11,680
1926 ...	*3,418	1935....	4,944	1944.....	4,802	1953.....	7,923	1962....	12,684	1971....	14,154
1927 ...	3,061	1936....	6,365	1945.....	4,625	1954....	10,717	1963....	7,572	1972....	12,299
1928 ...	*4,315	1937....	5,411	1946.....	5,547	1955....	11,516	1964....	15,287	1973....	13,641
1929 ...	4,981	1938....	5,198	1947.....	5,986	1956....	12,086	1965....	8,509	1974....	14,937
1930 ...	4,594	1939....	5,102	1948.....	4,744	1957....	11,725	1966....	15,264	1975....	13,152
1931 ...	3,932	1940....	6,028	1949.....	6,924	1958....	10,566	1967....	8,142	1976....	15,541

*West only.

PACK OF PEARS BY STATE AND SIZE OF CONTAINER

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Northwest.....	9,346	8,973	8,208	9,956	9,798	9,200	8,080	9,752	10,415	10,481
California.....	6,194	4,539	4,088	4,380	4,676	3,812	2,339			
Total U.S. A/C...	15,541	13,511	12,297	14,336	14,474	13,012	10,419	9,752	10,415	10,481
Tot. Bas. 2½/4...	11,518	9,614	9,026	10,568	10,928	9,700	7,789	7,214	7,657	7,813
24/8Z.....	1,500	1,778	1,143	1,462	1,064	925	826	693	892	830
24/303*.....	6,022	5,498	5,087	5,482	5,515	5,352	4,016	4,120	4,343	4,121
24/2½.....	3,557	2,940	2,837	2,892	2,689	2,342	1,639	1,688	1,769	1,895
6/10.....	4,462	3,295	3,230	4,501	5,206	4,393	3,938	3,232	3,398	3,617
Miscellaneous....	.....	.....	.....	.....	.....	.....	.....	19	13	18

*Includes 300 and No. 1 Tall.

U.S PACKS OF PURPLE PLUMS

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn. & Northwest Food Processors Assn.

Thousands of Actual Cases, Figures Rounded

1934	1,035	1941	1,948	1948	937	1955	1,930	1962	2,402	1969	2,651
1935	1,695	1942	1,085	1949	1,806	1956	2,540	1963	1,380	1970	977
1936	1,818	1943	1,760	1950	1,018	1957	1,200	1964	1,794	1971	1,442
1937	1,617	1944	1,117	1951	2,603	1958	1,531	1965	1,996	1972	461
1938	704	1945	1,647	1952	1,735	1959	1,974	1966	1,730	1973	1,564
1939	2,213	1946	3,576	1953	1,467	1960	456	1967	2,163	1974	1,488
1940	1,161	1947	1,851	1954	1,835	1961	1,959	1968	871	1975	1,697

PURPLE PLUM PACKS BY STATE & SIZE OF CONTAINER

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Northwest.....	743	607	309	444	826	707	333	228	423	516
Michigan.....	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	499	425	819	452	480	451	146	321	303	280
Total U.S.	1,243	1,032	1,128	896	1,305	1,157	479	549	726	796
Tot Basis 24/2½'s	1,042	817	923	711	1,066	940	375	443	577	642
24/8Z.....	44	55	26	34	26	27	(a)	(a)	(a)	(a)
24/303*.....	272	359	346	311	414	358	178	184	263	261
24/2½.....	272	350	287	213	354	232	82	90	114	99
6/10.....	654	268	469	338	511	540	204	268	338	426
Miscellaneous....	.....	.....	.....	.....	.....	.....	15	6	11	10

*Includes 300 and No. 1 Tall. (a) Included in Other States or Miscellaneous.

U.S. PACKS OF CANNED FISHERY PRODUCTS

Source: National Marine Fisheries Service, N.O.A.A., U.S. Department of Commerce

Thousands of Pounds—Figures Rounded

1933.....518,996	1944.....658,660	1955.....843,696	1966.....1,187,547	1977.....1,421,296
1934.....681,304	1945.....646,386	1956.....977,763	1967.....1,189,392	1978.....1,597,329
1935.....647,642	1946.....699,378	1957.....987,602	1968.....1,267,025	1979.....1,439,080
1936.....769,573	1947.....754,129	1958.....1,094,602	1969.....1,168,281	1980.....1,516,097
1937.....717,270	1948.....782,208	1959.....969,135	1970.....1,345,891	1981.....1,476,198
1938.....649,413	1949.....855,015	1960.....1,083,418	1971.....1,328,816	1982.....1,283,376
1939.....688,270	1950.....967,115	1961.....1,042,740	1972.....1,596,830	1983.....1,390,795
1940.....681,194	1951.....800,509	1962.....1,133,710	1973.....1,647,357	1984.....1,410,750
1941.....885,962	1952.....809,495	1963.....1,035,909	1974.....1,554,006	1985*...1,160,790
1942.....660,342	1953.....792,194	1964.....1,095,566	1975.....1,382,428	
1943.....620,880	1954.....862,523	1965.....1,121,629	1976.....1,565,157	

PACK AND VALUE OF CANNED FISHERY PRODUCTS BY TYPE

			*1984			*1985		
	Plants ²	lbs. per case	Standard cases	Thousands of pounds	Thousands of dollars	Standard cases	Thousands of pounds	Thousands of dollars
For human consumption:								
Fish:								
Gefiltefish.....	4	48	244,597	11,741	13,487	469,474	22,535	13,702
Herring.....	10	48	118,877	5,706	9,429	101,001	4,848	9,203
Mackerel, jack.....	3	45	682,342	30,705	13,372	340,513	15,323	6,614
Roe and caviar.....	6	48	8,057	387	1,691	17,130	822	3,302
Salmon:								
Natural.....	93	48	4,167,368	200,034	321,913	3,377,340	162,112	256,246
Specialties.....	21	48	129,821	6,231	7,496	2,835	136	677
Sardines, Maine.....	12	23.4	626,078	14,650	24,784	855,393	20,016	37,784
Sturgeon, smoked.....	9	48	328	16	80			
Tuna:								
Solid.....	16	19.5	6,517,745	127,096	233,994	6,380,922	124,428	252,211
Chunk.....	11	19.5	24,866,150	484,890	636,053	21,533,742	419,908	567,905
Flakes and grated....	7	18	127,493	2,295	2,230	36,483	657	653
Total tuna ¹	16		31,511,388	614,281	872,277	27,951,147	544,993	820,769
Specialties.....	7	48	311,042	14,930	10,978	126,713	6,082	4,460
Tunalike fish (bonito).....	2	var.	(a)	(a)	(a)	(a)	(a)	(a)
Other fish specialties...	12	48	222,855	10,697	11,966	181,604	8,717	9,629
Total fish.....			38,022,753	909,378	1,287,473	33,423,150	785,584	1,162,386
Shellfish:								
Clams and clam products ² :								
Whole and minced....	22	15	1,463,662	21,955	43,179	1,667,737	25,016	53,430
Chowder.....	13	30	1,886,277	56,588	37,552	2,483,249	74,497	42,269
Juice.....	17	30	679,159	20,375	3,925	(b)	(b)	(b)
Total ¹	20		4,029,098	98,918	84,656	4,150,986	99,513	95,699
Specialties.....	8	48	307,858	14,777	10,483	200,016	9,601	13,838
Crabs:								
Natural.....	6	19.5	55,569	1,084	4,730	28,512	556	1,785
Specialties.....	3	48	2,918	140	106	8,836	424	208
Lobster meat & specialties	5	48	18,969	911	2,357	(a)	(a)	(a)
Oysters:								
Natural ⁴	2	7	(a)	(a)	(a)	(a)	(a)	(a)
Specialties.....	5	48	112,761	5,413	4,437	77,802	3,734	2,466
Shrimp:								
Natural ⁴	16	6.75	1,073,471	7,246	36,242	629,827	4,251	19,113
Specialties.....	4	48	29,324	1,408	1,381	24,841	1,192	1,161
Squid.....	1	48	(a)	(a)	(a)	(a)	(a)	(a)
Conch meat & chowder...	3	48	15,071	723	1,590	(a)	(a)	(a)
Other shellfish specialties	10	48	33,941	1,629	2,328	143,361	6,881	5,093
Total shellfish.....			5,678,980	132,249	148,310	5,264,181	126,152	139,363
Total for human consumption			43,701,733	1,041,627	1,435,783	38,687,331	911,736	1,301,749
For animal food and bait:								
Animal food.....	25	48	7,686,527	368,954	139,924	5,185,763	248,917	89,518
Salmon eggs.....	3	48	3,527	169	2,007	2,849	137	1,518
Total for animal food & bait	27	48	7,690,054	369,123	141,931	5,188,612	249,054	91,036
Grand total ¹	180		51,391,787	1,410,750	1,577,714	43,875,943	1,160,790	1,392,785

¹Exclusive of duplication. ²Number plants in 1984. ³"Cut out" or "drained" weight of can contents is given for whole or minced clams, and net contents for other clam products. ⁴Drained weight. ⁵All 1985 data preliminary. 1984 Alaska data preliminary, other states final. (a) Included with other fish or shellfish specialties. (b) Included with chowder.

PACK AND VALUE OF CANNED FISHERY PRODUCTS BY STATE

Source: U.S. Dept. of Commerce, NOAA, National Marine Fisheries Service.

Thousands of Standard Cases and Dollars—Figures Rounded

State and No. of plants (1977)-1984	1977	1978	1979	1980	1981	1982	1983	1984
Maine (18)-14 Pack	2,049	1,937	2,157	1,841	2,261	1,753	1,370	1,462
Value	55,181	59,642	70,622	64,352	80,572	66,433	52,517	58,167
Mass. (2) Pack	1,131	(f)	(f)	(f)	(f)	(f)	(f)	.....
Value	31,207	(f)	(f)	(f)	(f)	(f)	(f)	.....
Conn.-1 Pack	.....	.....	.....	.....	.....	(f)	(f)	(f)
N.Y. (5)-3 Pack	166	138	108	149	145	99	101	34
Value	5,548	4,789	4,776	6,046	6,277	4,663	4,769	2,698
N.J. (12)-10 Pack	1,517	1,355	1,387	1,388	1,478	1,727	1,621	1,852
Value	40,296	38,109	40,843	41,697	43,122	48,377	47,164	54,446
Del. (2)-3 Pack	(d)	(a)	(a)	(a)	(a)	(a)	1,889	1,875
Value	(d)	(a)	(a)	(a)	(a)	(a)	33,332	34,757
Pa. (3)-3 Pack	225	1,103	1,319	1,337	1,532	1,938	589	554
Value	5,222	28,381	28,629	29,639	35,032	42,491	12,640	12,245
Md. (1)-1 Pack	(e)	.....	.....	.....	.....	.....	(a)	(e)
Value	(e)	.....	.....	.....	.....	.....	(a)	(e)
Va. (3)-3 Pack	272	148	(a)	(a)	101	133	(a)	178
Value	6,798	1,091	(a)	(a)	1,354	1,816	(a)	2,736
N.C. (3)-3 Pack	42	135	112	206	145	131	49	31
Value	2,079	6,969	5,533	9,489	7,389	7,073	3,732	2,541
S.C. (2)-2 Pack	124	(g)	(g)	(g)	(g)	(g)	90	46
Value	5,551	(g)	(g)	(g)	(g)	(g)	3,693	3,113
Florida (2)-2 Pack	(b)	(h)	(i)	(j)(k)	(j)(k)	(j)(k)	(k)(l)	(k)(l)
La. (12)-7 Pack	1,984	1,371	814	1,498	957	658	901	678
Value	44,036	28,802	26,953	48,970	31,580	24,870	31,354	24,127
Miss. (7)-5 Pack	3,474	3,888	3,526	3,124	2,741	3,188	2,384	2,111
Value	29,934	29,089	27,159	29,071	26,226	32,776	34,269	28,563
Texas -1 Pack	.....	.....	.....	.....	.....	.....	(h)	(h)
Ill. Pack	(c)	.....	.....	.....	.....	.....	.....	.....
Mich. (2)-1 Pack	1,236	214	4	5	67	203	94	92
Value	11,778	5,306	97	352	745	2,638	1,177	1,165
Ohio (0)-1 Pack	.....	(c)	.....	.....	(c)	(c)	(c)	(c)
Wis. (3)-1 Pack	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Kansas -1 Pack	.....	(c)	.....	.....	.....	(c)	(c)	(c)
Nebraska Pack	.....	.....	.....	.....	.....	.....	.....	.....
Calif. (17)-7 Pack	16,467	20,027	17,502	20,841	18,840	15,339	15,697	9,710
Value	475,361	614,792	536,504	620,489	599,424	429,390	387,677	247,352
Ore. (11)-2 Pack	1,120	1,198	1,172	2	39	36	3	444
Value	32,442	31,290	29,678	308	1,155	1,461	265	7,068
Wash. (43)-16 Pack	904	489	487	196	452	373	268	286
Value	38,704	14,740	16,658	12,267	27,011	17,073	14,174	12,880
Alaska (62)-82 Pack	3,875	3,795	3,816	4,681	4,575	2,438	3,792	4,486
Value	218,046	244,268	286,986	401,377	384,137	170,458	306,259	328,639
P.R. (5)5, Hawaii (1)1 & Am. Samoa (2)2 Pack	16,844	22,586	19,628	18,292	19,729	17,805	21,116	27,086
Value	541,510	776,856	668,893	663,599	709,947	607,964	601,556	757,117
Total (218)-180 Pack	51,433	58,383	52,032	53,561	53,062	45,820	49,964	50,926
Value	1,543,152	1,884,124	1,743,331	1,927,656	1,953,971	1,457,483	1,534,475	1,577,714
Total Fish & Pack	33,233	41,303	36,988	37,072	39,162	31,761	35,882	37,557
Fish Spec. Value	1,192,372	1,569,260	1,443,133	1,596,285	1,659,703	1,174,316	1,296,819	1,287,473
Total Shellfish Pack	7,519	5,847	5,049	5,930	5,384	5,576	5,677	5,679
& Spec. Value	180,625	149,905	149,882	185,662	159,706	151,119	156,785	148,310
Total - Human Pack	40,752	47,149	42,037	43,002	44,546	37,337	41,558	43,236
Consumption. Value	1,372,997	1,719,165	1,593,015	1,781,948	1,819,409	1,325,435	1,393,604	1,435,783
Total - Animal Pack	10,681	11,234	9,995	10,559	8,516	8,484	8,406	7,690
Food & Bait. Value	170,155	164,959	150,316	145,708	134,562	132,048	140,874	141,931
TOTAL NO. PLANTS.....	219	181	163	168	186	193	175	180

(a) Included with Pennsylvania. (b) Included with South Carolina. (c) Included with Michigan.
 (d) Included with Massachusetts. (e) Included with Virginia. (f) Included with Maine. (g) Included
 with North Carolina. (h) Included with Mississippi. (i) Included with Louisiana. (j) Florida East
 Coast included with North Carolina. (k) Florida West Coast included with Mississippi. (l) Florida East
 Coast included with South Carolina.

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS (1943 to present): Salmon 48 lbs.;
 Sardines (Me.) 23.4 lbs. (20.3 lbs. 1942-1957); Shrimp (wetpack) 6.75 lbs. (15 lbs. 1948-1964); Tuna (solid) 21 lbs.
 (45 lbs. 1944-1951); (chunk) 19.5 lbs. (18 lbs. 1942-1951), Flake 18 lbs.; Clams (whole or minced) 15 lbs.; Clam
 Juice, Chowder, etc. 30 lbs.; Crabmeat 19.5 lbs. (39 lbs. 1941-1947); Mackerel 45 lbs.; Oysters 7 lbs. (14 lbs. 1948-
 1969).

U.S. TOTAL CANNED SALMON PACKS

NOTE—Data thru 1983 revised with the 1985 Almanac.

Thousands of Standard Cases, Basis 48 1-lb. Cans—Figures Rounded

1927 5,077	1936 8,965	1945 4,908	1954 4,163	1963 3,295	1972 1,935
1928 6,927	1937 7,555	1946 4,510	1955 3,289	1964 3,759	1973 1,495
1929 6,991	1938 7,280	1947 5,641	1956 3,505	1965 3,634	1974 1,829
1930 6,086	1939 5,992	1948 4,825	1957 3,207	1966 4,358	1975 1,555
1931 6,740	1940 5,605	1949 5,525	1958 3,732	1967 2,072	1976 2,611
1932 5,907	1941 7,832	1950 4,310	1959 2,466	1968 3,448	1977 2,827
1933 6,362	1942 5,835	1951 4,646	1960 2,912	1969 2,551	1978 3,095
1934 8,383	1943 5,704	1952 4,464	1961 3,697	1970 3,822	1979 3,100
1935 6,028	1944 5,139	1953 3,912	1962 3,837	1971 3,509	1980 4,166

TOTAL CANNED SALMON PACKS BY AREA

Thousands of Standard Cases and Millions of Dollars—Figures Rounded

	1976	1977	1978	1979	1980	1981	1982	1983	1984	†1985
Pacific Coast States										
Pack	142	233	13	52	35	166	72	28	40	n.a.
Value	15	21	2	5	5	18	9	3	5	n.a.
Alaska										
Pack	2,470	2,594	3,082	3,049	4,131	4,310	2,263	3,746	4,127	n.a.
Value	178	189	220	253	371	362	165	304	317	n.a.
Total Salmon										
Pack	2,611	2,827	3,095	3,100	4,166	4,476	2,335	3,774	4,167	3,377
Value	193	210	222	158	376	380	174	307	322	256

CANNED SALMON PACK BY VARIETY BY AREA

Thousands of Standard Cases—Figures Rounded

	1976	1977	1978	1979	1980	1981	1982	1983	1984	†1985
CHINOOK or KING										
Alaska	36	9	15	10	8	4	1	8	2	n.a.
Washington....	8	5	(c)	3	1	13	(b)	(b)	(b)	n.a.
Oregon	3	1	2	1	(b)	(b)	(b)	(b)	(b)	n.a.
Total	47	15	17	14	9	17	2	8	2	2
CHUM or KETA										
Alaska	367	460	321	140	433	585	191	270	337	n.a.
Washington....	9	11	3	.....	(b)	(e)	1	(b)	(b)	n.a.
Oregon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	n.a.
Total	376	471	324	140	433	585	192	271	338	96
PINK										
Alaska	1,137	1,342	1,824	1,812	2,257	2,545	1,746	2,042	2,636	n.a.
Washington....	8	127	4	35	10	122	18	19	13	n.a.
Oregon .....	.....	.....	.....	.....	.....	(d)	.....	.....	.....	n.a.
Total	1,145	1,469	1,828	1,847	2,267	2,668	1,764	2,061	2,649	2,793
RED or SOCKEYE										
Alaska	896	762	895	1,045	1,387	1,139	298	1,281	1,096	n.a.
Washington....	89	71	4	10	14	22	48	6	24	n.a.
Oregon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	n.a.
Total	985	833	899	1,055	1,401	1,161	345	1,387	1,120	467
SILVER or COHO										
Alaska	33	22	27	42	46	37	27	45	56	n.a.
Washington....	22	18	1	2	10	8	5	2	3	n.a.
Oregon	3	(b)	1	(d)	(d)	(b)	(b)	(b)	(b)	n.a.
Total	58	40	28	44	56	46	32	48	58	19
TOTAL ALL VARIETIES										
Alaska	2,470	2,594	3,082	3,049	4,131	4,310	2,263	3,746	4,127	n.a.
Washington....	136	231	11	51	35	166	72	28	40	n.a.
Oregon	6	2	2	1	(b)	1	(b)	(b)	(b)	n.a.
Grand Total	2,611	2,827	3,095	3,100	4,166	4,476	2,335	3,774	4,167	3,377
NUMBER OF PLANTS PACKING SALMON										
Alaska	50	50	42	42	50	57	71	69	79	n.a.
Washington....	22	21	14	13	15	18	18	9	10	n.a.
Oregon	6	6	6	4	3	4	4	4	4	n.a.
California	1	1	1	1	.....	.....	.....	.....	.....	n.a.
Total	79	78	63	60	68	79	93	82	93	n.a.

*Includes a small California pack. (a) Included with Silver or Coho. (b) Less than 500 cases.
(c) Included with Chum. (d) Included with Washington. (e) Included with Chinook. n.a. - Not
available at press time. †: preliminary.

U. S. PACKS OF CANNED TUNA AND TUNA LIKE FISHES

Thousands of Standard Cases — Basis 48 No. ½
Solid Pack 7 oz., Chunks 6½ oz., Flakes or Grated 6 oz.

1927	1,256	1936	2,681	1945	4,532	1954	10,889	1963	16,627	1972	31,547
1928	1,216	1937	3,145	1946	4,784	1955	9,938	1964	17,714	1973	32,540
1929	1,504	1938	2,754	1947	5,894	1956	11,834	1965	18,143	1974	33,758
1930	2,011	1939	3,643	1948	7,038	1957	11,903	1966	20,183	1975	27,462
1931	1,217	1940	4,183	1949	7,290	1958	14,205	1967	19,993	1976	30,468
1932	1,206	1941	2,932	1950	9,017	1959	14,389	1968	20,226	1977	28,134
1933	1,443	1942	2,485	1951	8,237	1960	15,320	1969	20,350	1978	35,816
1934	1,967	1943	2,696	1952	9,121	1961	15,927	1970	22,203	1979	31,478
1935	2,511	1944	3,560	1953	9,580	1962	17,050	1971	22,490	1980	30,733

Thousands of Standard Cases and Millions of Dollars

	1976	1977	1978	1979	1980	1981	1982	1983	1984	†1985
TUNA										
Pack.....	30,304	27,660	25,635	31,403	30,509	31,754	27,087	29,941	31,046	27,951
Value (\$mil.)...	853	907	1,273	1,104	1,144	1,180	918	859	872	821
TUNA LIKE FISHES										
Pack.....	163	473	180	76	224	272	83	n.a.	n.a.	n.a.
Value (\$mil.)...	2.9	10.6	3.7	1.6	5.5	6.4	2.1	n.a.	n.a.	n.a.
TOTAL TUNA and TUNA LIKE FISHES										
Pack.....	30,468	28,134	25,816	31,478	30,733	32,026	27,170	n.a.	n.a.	n.a.
Value (\$mil.)...	856	917	1,278	1,106	1,149	1,187	921	n.a.	n.a.	n.a.

n.a. - Not available. Less than 3 plants packing. The pack of misc. Tuna products (smoked, spreads, in sauces and with noodles), not included in above figures, totaled 311,042 std. cases valued at \$10,978,000 in 1984.

TUNA PACKS BY KIND—AREA—STYLE—CAN SIZE

Thousands of Standard Cases

	1976	1977	1978	1979	1980	1981	1982	1983	1984	†1985
ALBACORE*										
Cont'l. U.S.	2,489	1,909	1,554	1,291	1,275	1,532	954	767	998	P
Hawaii & U.S. Terr.	3,477	4,312	5,566	4,514	4,231	4,294	5,066	4,360	5,587	P
Tot. Albacore...	5,966	6,221	7,120	5,805	5,506	5,826	6,020	5,127	6,585	6,766
LIGHTMEAT*										
Cont'l. U.S.	13,433	10,696	14,092	12,615	13,013	11,702	9,427	9,128	5,634	P
Hawaii & U.S. Terr.	10,906	10,743	14,423	12,982	11,990	14,226	11,639	15,686	18,828	P
Tot. Lightmeat...	24,339	21,439	28,515	25,598	25,003	25,928	21,067	24,814	24,461	21,185
STYLE*										
Solid.....	6,253	6,279	7,269	5,835	5,134	5,440	7,023	4,635	6,052	6,381
Flakes & Grated	751	523	665	578	377	264	157	174	127	36
Chunks.....	23,301	20,858	27,701	24,990	24,998	26,050	19,908	25,132	24,866	21,534
BONITO										
Total (Calif.)...	163	473	180	76	224	272	83	n.a.	n.a.	n.a.
CAN SIZE Thous. (A/C)										
12/4 lb.....	836	1,042	1,065	881	n.a.	n.a.	n.a.	635	607	P
48/1 lb.....	2,122	1,671	1,154	4,638	n.a.	n.a.	n.a.	1,836	2,238	P
48/¾ lb.....	20,950	18,762	24,484	21,753	n.a.	n.a.	n.a.	22,541	22,930	P
48/¼ lb.....	1,707	1,646	2,359	2,421	n.a.	n.a.	n.a.	2,099	1,932	P
24/9¼ oz.....	155	604	441	1,333	n.a.	n.a.	n.a.	1,947	2,112	P
Other (conv. to Std.)	2,677	25	2,192	1,315	n.a.	n.a.	n.a.	157	160	P
Total.....	28,445	26,928	31,696	32,341	n.a.	n.a.	n.a.	29,215	29,979	P
NUMBER OF PLANTS PACKING TUNA										
California	10	7	7	7	5	5	6	4	.....	P
Oregon.....	5	5	3	3	1	3	3	3	3	P
Washington....	8	5	3	3	5	4	3	3	.....	P
Puerto Rico....	5	5	5	5	5	5	5	5	5	P
Other.....	4	4	3	3	3	3	3	3	4	P
Total Plants.....	32	26	21	21	19	20	20	18	12	P

*Hawaii & American Samoa. †Includes Yellowtail. n.a. - Not available. † Preliminary. Not strictly comparable with earlier years. Compilation of data for solid pack Albacore and Lightmeat changed from 21 lb. to 19.5 lb. standard cases. *Excludes Bonito. P - Not available at press time.

PACKS OF CANNED MEAT PRODUCTS

Source: USDA, FSIS—Courtesy & Cooperation, American Meat Institute
Thousands of Pounds Processed Under Federal Inspection—Calendar year

	*1976	1977	1978	1979	1980	*1981	1982	1983	1984	1985
Luncheon Meat	247,097	264,947	278,572	278,501	271,320	259,798	221,599	205,722	182,885	160,331
Canned Hams	250,992	275,666	271,991	287,809	308,282	246,844	194,003	190,348	155,186	126,627
Hash Products	79,180	78,096	84,984	80,640	83,525	72,832	74,353	87,807	96,690	62,850
Chili Con Carne	305,048	318,146	335,717	333,621	343,395	312,262	312,223	329,296	309,561	286,322
Vienna Sausage	101,663	119,835	116,035	98,050	89,643	96,736	84,952	90,792	86,763	73,045
Franks & Wieners										
in Brine	4,959	5,503	2,664	2,055	1,241	1,420	1,752	955	828	1,716
Deviled Ham	15,038	13,727	15,350	12,746	11,692	12,291	10,802	9,746	8,142	8,718
Potted Products										
& Spreads	43,191	43,895	45,680	39,798	37,381	33,291	33,576	32,864	34,790	25,898
Tamales	32,035	31,235	29,863	35,008	31,324	21,992	21,970	19,889	19,226	22,506
Sl. Dr. Beef	3,939	4,620	4,810	3,715	3,025	2,878	3,257	3,536	2,772	1,881
Chopped Beef	3,591	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Chopped Beef										
Hamburger (a)	n.a.	11,050	8,277	1,677	7,229	12,126	11,836	11,566	12,535	11,519
Corned Beef (a)	n.a.	3,831	1,874	1,677	887	828	795	810	379	709
Meat Stew	150,906	148,800	156,097	145,114	138,830	125,915	131,975	152,296	145,917	123,869
Pasta Meat										
Products	368,375	428,503	426,362	436,107	392,590	379,786	382,232	384,301	435,173	436,003
Sausage	8,093	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sausage/Oil	10,779	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Misc. Sausage										
Products	n.a.	24,669	28,181	26,728	23,986	27,045	21,922	21,115	20,936	16,348
Canned Beef (a)	58,058	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Soups	726,138	727,967	789,291	741,834	678,918	569,071	n.a.	n.a.	n.a.	n.a.
Tongue(not pickl'd)	256	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Vinegar Pickled										
Products	128,813	18,017	19,361	17,854	18,684	16,321	13,971	14,256	14,634	10,843
Tripe	5,859	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brains	1,695	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
By Products										
Not Pickled	n.a.	9,043	4,613	7,256	4,592	3,097	2,850	3,192	2,913	2,355
Pork Pic./Loins	10,237	18,280	15,673	12,645	23,374	15,132	8,016	22,315	16,996	7,642
Other-20% or										
More Meat	147,089	174,273	175,631	169,105	179,685	133,303	126,051	162,812	171,372	120,115
Other-Less than										
20%(ex. soup)	454,578	289,865	314,618	279,364	316,035	434,552	370,872	316,764	276,334	249,968
Total†	3,058	3,010	3,126	3,011	2,966	2,856	**2,029	**2,061	**1,994	**1,749
Govt. Agencies	75,799	††	††	††	††	††	††	††	††	††
Total All†	3,134	3,010	3,126	3,011	2,966	2,783	**2,029	**2,061	**1,994	**1,749

† Millions of "Inspection pounds"—Some products may have been inspected and recorded more than once due to necessity of more than one processing such as curing first then canning. In comparing Totals, note items not available. n.a. - Not available. (a) "Canned Beef" for 1976 & prior years includes hamburgers, roasted or corned beef and gravy. *53 weeks. †† Breakdown by products includes govt. purchases. † Not comparable to later years due to changes in product classification. **Excludes Soups.

MAYONNAISE & SALAD DRESSING PACKS AND VALUES

As Reported by Bureau of Census - Millions of Gallons and Dollars

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
Spoon-type								
Salad dressing	69.4	86.6	81.4	123.9	99.5	336.7	91.4	525.9
Mayonnaise	79.0	146.7	94.9	208.5	¹ 141.0	490.6	177.2	687.3
Other	15.1	33.4	33.2	76.0	² 25.7	93.5	28.0	126.3
Pourable								
French ³	10.8	22.9	14.8	40.9	¹ 26.9	115.5	20.8	107.0
Oil & Vinegar ⁴	6.0	21.3	10.1	34.0	19.6	88.9	10.1	57.0
Other Pourable	10.7	34.2	25.0	81.2	32.2	154.3	56.0	300.8
Other, NSK	.....	.....	.....	11.5	.....	12.8	.....	11.2
Total ⁵	191.0	345.1	259.4	576.0	344.9	1,292.3	383.5	1,815.5

¹10 to 19% estimated. ²50 to 29% estimated. ³Does not include low calorie and dietetic. ⁴Includes low calorie and dietetic.

SELECTED U.S. CANNED AND FROZEN SPECIALTY PACKS

Source: Table 6a 1967, 1972, 1977 and 1982 Census Reports. Quantities are in millions of actual cases, gallons, and pounds as indicated and represent all industry production. Value is given in millions of dollars. See other Census Tables, back of this Section.

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
DRY BEANS, Total (cases)	69.9	246.1	67.3	305.8	¹75.0	556.5	.....	735.3
Beans w/pork, incl. baked:								
48/8 oz. short & tall, etc.	3.0	12.1	3.1	15.6	2.1	18.5	1.7	21.1
48/1 pic., etc.	1.2	6.1						
24/300, 303, etc.	16.9	48.3	13.0	48.1	18.9	115.6	25.6	195.2
24/2, Jumbo, etc.	5.7	23.1	4.9	24.0	4.6	36.7	3.2	34.6
24/2½ (incl. qt., glass, etc.)	80.0	36.2	6.6	40.3	5.9	63.6	3.7	54.4
Other sizes, a/c.	4.3	16.7	6.9	37.6	10.7	92.4	6.6	77.1
Beans with sauce, veget-								
arian style, incl. baked:								
24/300, 303, etc.	7.5	20.4	4.8	20.4	4.6	31.3	3.8	31.4
Other sizes, a/c.	1.1	4.5	1.5	7.4	2.1	18.3	3.4	39.2
Beans, other dry, incl. chili								
con carne:								
24/300, 303, etc.	13.4	41.3	13.9	53.7	14.5	90.1	19.3	160.8
Other sizes, a/c.	6.7	30.0	9.9	49.7	9.0	69.2	10.8	115.5
Dry beans (nsk) a/c.	2.1	7.4	2.7	9.0	¹ 2.4	20.7	.....	6.0
HOMINY (cases)	2.5	5.3	2.4	6.8	2.3	9.9	1.6	10.3
MUSHROOMS (cases 48)	n.a.	46.3	n.a.	91.4	8.1	139.0	¹12.0	128.3
PICKLES & PICKLED								
PRODUCTS (gallons) Total	207.4	260.6	239.3	362.5	n.a.	553.2	n.a.	694.5
Finished cucumber pickles:								
Dill	49.1	63.9	67.3	113.4	¹ 94.1	228.3	85.8	285.2
Sour	8.1	9.1	10.5	17.5	¹ 9.5	35.7	¹ 6.5	26.8
Sweet	27.3	48.2	35.4	77.4	² 25.9	88.2	¹ 27.4	108.7
Fresh pack, refrigerated, etc. . . .	52.4	63.8	22.3	44.1	² 16.6	41.9	20.3	69.7
Pickled products including								
mixes, relishes, etc.	37.8	53.7	35.0	66.0	43.4	94.1	¹ 34.7	131.1
Unfinished pickles (salt stock) . . .	21.7	8.5	³ 54.0	19.2	n.a.	25.4	21.0	22.8
Pickled fruits and								
vegetables nsk	32.7	21.9	³ 14.8	24.9	.....	39.6	.....	50.2
VINEGAR & CIDER (gallons)								
Vinegar.	134.6	46.8	143.2	65.5	(a)	98.8	187.1	141.2
Cider.	19.9	9.9	31.0	15.1	14.8	24.0	18.2	46.7
MEAT SAUCES (except								
tomato) (gallons)	59.1	98.5	91.9	151.3	(a)	261.6	n.a.	540.0
Prepared mustard	36.6	39.4	47.6	48.1	52.8	91.6	¹ 50.6	138.7
Worcestershire, soy sauce, meat,								
vegetable, seafood, etc.	21.7	57.9	³ 42.6	96.6	³ 57.2	169.2	³ 99.9	401.0
Other except tomato	.8	1.2	4.1	6.6	(a)	.8	.....	.3
JAMS, JELLIES AND								
PRESERVES (pounds) Total . . . .	.....	245.2	.....	280.3	(a)	396.9	(a)	603.0
Jams & preserves, pure:								
Strawberry	118.5	35.1	118.0	40.3	114.0	61.1	¹ 337.5	136.5
Other.	289.7	81.7	302.9	87.7	221.6	107.9	209.5	167.4
Jellies, pure:								
Grape	166.8	38.8	185.9	42.7	198.9	76.5	216.5	138.3
Other.	146.6	40.0	162.3	42.6	¹ 187.2	83.0	¹ 111.2	74.1
Jams & Jellies, imitation.	40.0	6.0	48.3	10.1	S	5.6	D	D
Marmalades.	14.8	3.8	18.3	4.4	S	9.3	D	D
Fruit Butter.	39.3	6.9	24.4	5.2	22.8	8.4	25.2	12.1
Maraschino cherries (gals.)	4.9	21.7	5.4	28.9	3.9	29.2	¹ 24.1	31.4
Jams, Jellies and preserves, nsk	.....	11.2	.....	18.4	(a)	16.1	(a)	10.8
PEANUT BUTTER (pounds)								
Consumer Sizes.	387.3	150.1	510.7	234.3	541.8	403.1	641.2	723.7
Commercial-bulk.	52.2	17.5	50.3	16.1	53.5	26.6	93.5	73.0
SIRUPS & MOLASSES (Pounds)	959.7	138.8	845.5	167.3	n.a.	296.8	n.a.	360.9
FRUITS, CANNED (cases)								
Olives, ripe & green ripe.	n.a.	35.7	.....	55.1	¹ 9.8	96.2	10.6	189.6
Pie mixes, canned fruit.	7.7	40.8	9.2	44.9	8.0	82.6	15.9	128.0
Apple	1.3	5.8	1.5	6.7	1.5	12.8	3.4	34.9
Cherry.	2.6	16.0	4.0	18.3	2.5	30.5	8.2	31.0
Peach	.7	3.9	.3	1.9	1.5	11.4	.7	10.3
Other fruit pie mixes.	3.0	15.1	3.4	18.0	2.5	27.9	¹ 3.6	51.8

(a) Not collected. ¹10 to 19% estimated.
available. D - Withheld to avoid disclosure.

²20 to 29% estimated. ³Over 30% estimated. n.a. - Not
S - Withheld data does not meet publication standards.

U.S. CANNED AND FROZEN SPECIALTY PACKS—Continued

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
FRUIT JUICES (cases)								
Grape Juice:								
12/22.1 to 27 oz.	6.4	25.6	2.6	12.5	D	D	D	D
Other sizes a/c	n.a.	n.a.	11.8	39.9	D	D	D	D
Grapefruit-Pineapple blend	6.6	17.4	.4	1.3	.2	1.0	n.a.	n.a.
Prune juice	8.7	40.3	6.6	32.5	5.5	32.0	2.5	23.4
Quart glass	4.7	20.0	2.4	11.4	2.1	12.0	.8	8.0
Other sizes a/c	4.0	20.3	4.2	21.1	3.3	20.0	1.7	15.4
Nectars	3.3	10.4	4.8	16.7	6.1	33.6	1.6	13.1
MEATS, CANNED¹ (pounds)...	1,700.8	856.4	1,768.9	1,106.3	1,188.5	1,256.3	1,147.4	1,548.6
Made in slaughtering plants	869.5	490.4	992.0	622.1	468.3	561.7	393.5	658.2
Made in meat processing plants & elsewhere	831.3	366.0	776.9	484.2	720.2	694.6	753.9	890.4
POULTRY, CANNED								
(except soups)(cases).....	3.6	37.7	4.7	72.7	n.a.	n.a.	n.a.	51.3
48/10 oz. & under.....	.9	17.0	1.0	15.8	n.a.	n.a.	1.0	21.0
12/40 to 60 oz.....	.6	5.3	.6	6.7	.5	11.5	.4	13.1
Other sizes.....	2.1	15.4	3.1	50.2	n.a.	50.4	n.a.	17.2
BABY FOODS (pounds) .....	.....	246.3	n.a.	346.7	n.a.	401.3	n.a.	596.4
Fruits	157.1	47.9	215.3	72.4	214.8	96.2	D	D
Meats	n.a.	n.a.	61.1	45.6	D	D	D	D
Vegetables	149.1	35.3	126.2	41.5	113.7	50.7	150.1	66.5
Desserts	169.6	50.4	199.4	64.6	D	D	151.4	65.6
Juices (cases)	9.4	19.7	9.8	28.4	13.1	65.2	20.1	115.8
Other canned.....	284.0	93.0	248.4	94.1	D	D	225.6	102.8
CANNED & CURED								
SEAFOOD (pounds).....	n.a.	421.1	n.a.	587.8	n.a.	1,025.5	n.a.	1,267.1
Canned (except soups)	n.a.	307.6	n.a.	453.9	576.1	773.3	n.a.	907.7
Canned Seafood soups.....	n.a.	22.4	n.a.	41.9	133.5	65.8	151.1	90.4
Other Canned	n.a.	56.7	n.a.	64.4	n.a.	115.0	n.a.	n.a.
Cured Seafood.....	42.8	34.4	21.8	27.5	n.a.	71.5	n.a.	133.9
OTHER CANNED SPEC (cases)								
Spaghetti without meat	n.a.	(b)	n.a.	(b)	n.a.	D	6.8	67.4
Minced meat (pounds).....	n.a.	(b)	n.a.	(b)	n.a.	D	7.4	8.5
Soups (except seafood), & canned specialties, nsk	n.a.	(b)	n.a.	(b)	n.a.	(b)	n.a.	(b)
FROZEN SPECIALTIES (pounds) 2,524.7	1,021.3	3,673.8	1,742.6	n.a.	2,911.9	n.a.	4,417.2	
Pies & other Baked goods	626.0	208.9	994.2	387.5	n.a.	770.3	n.a.	1,292.5
Fruit & Custard Pies	402.0	101.5	621.8	169.3	693.2	346.2	658.5	391.2
Other baked (waffles, cookies, cakes, pastries) excl. bread & rolls.....	224.0	107.4	372.4	218.1	620.7	424.1	1,961.6	901.4
FROZEN DINNERS, BEEF, PORK, POULTRY								
PIES, NATIONALITY FOODS... 1,046.5	433.1	1,440.5	702.0	n.a.	1,297.7	n.a.	2,356.6	
Dinners.....	397.9	217.3	787.4	385.5	788.0	503.5	n.a.	1,160.4
Beef & Pork Pies	125.4	44.4	192.5	86.9	58.5	35.9	79.4	41.7
Poultry Pies	193.8	45.0	225.2	78.0	233.1	99.4	241.1	119.4
Nationality Foods	329.4	126.4	293.1	151.1	n.a.	639.5	1,123.8	1,023.2
Dinners, Pies, Nat. Fds. nsk	n.a.	n.a.	.8	.5	n.a.	19.3	n.a.	11.8
Other, ex. Seafood, (incl. soups)	697.3	247.4	890.0	492.5	1,229.5	718.2	789.2	624.3
Frozen Spec. nsk (companies 10 or more employees) ¹	335.1	124.0	304.3	140.0	n.a.	75.1	n.a.	79.9
Frozen Spec. nsk (companies less than 10 employees) ¹	21.3	7.9	44.8	20.6	n.a.	50.6	n.a.	63.9
FROZEN PACKAGED								
FISH (pounds).....	309.0	132.6	518.2	280.1	n.a.	744.4	n.a.	1,033.9
Fillet & Steaks	136.7	52.2	151.0	74.2	n.a.	164.2	n.a.	301.1
Fish Sticks	69.5	28.9	144.4	81.0	(c)	(c)	D	D
Fish Portions.....	102.8	51.5	222.8	124.9	422.7	390.6	D	D
Other.....	n.a.	n.a.	n.a.	n.a.	n.a.	189.6	n.a.	n.a.
FROZEN PACKAGED SHELLFISH & OTHER								
SEAFOOD INCL. SOUPS (pounds) 279.2	245.5	329.1	415.8	n.a.	887.6	n.a.	1,398.0	
Shrimp	165.0	165.6	193.0	274.4	n.a.	430.0	n.a.	763.3
Other, oyster, crab, etc.	61.3	52.0	81.3	98.3	n.a.	399.5	n.a.	541.4
Other, soups, stews, chowders, dinners, pies.....	51.9	27.9	54.8	43.1	n.a.	58.1	61.2	93.3

n.a. - Not available. ¹20 employees in 1972, 1977, and 1982. ²Except dog and cat food. Includes products containing 20% or more meat. Products containing less meat included in specialties above. (a) Included in other. (b) Included in total above. (c) Included in portions. D - Withheld to avoid disclosure.

U.S. FROZEN FRUIT AND VEGETABLE PACKS

Compiled by The American Frozen Food Institute
Thousands of Pounds

NOTE: Data represents calendar year production by final container size (after repack). Over the span of eight to ten years shown, there have been shifts in both regional production and containerization so that some overlap is inevitable. The occasional minus values shown in parentheses, represent the amount of carryover that was repacked into smaller containers.

TOTAL UNITED STATES VEGETABLE PACKS*

1942	152,512	1949	563,499	1956	1,533,038	1963	2,322,376	1970	4,316,731
1943	207,872	1950	587,101	1957	1,366,565	1964	2,639,199	1971	4,574,361
1944	237,092	1951	770,038	1958	1,433,244	1965	2,933,108	1972	4,874,561
1945	307,977	1952	895,719	1959	1,626,601	1966	3,364,386	1973	5,158,398
1946	450,000	1953	1,103,270	1960	1,958,621	1967	3,507,625	1974	5,473,141
1947	346,208	1954	974,628	1961	2,116,041	1968	3,857,840	1975	5,212,966
1948	446,358	1955	1,139,695	1962	2,264,116	1969	3,915,231	1976	5,491,035
								1977	6,245,809

*Includes potatoes beginning 1963 - vegetable mixes excluded 1966 and thereafter.

PACKS OF FROZEN VEGETABLES BY COMMODITY

Item	1978	1979	1980	1981	1982	1983	1984	1985
Artichokes	363	1,790	984	1,693	1,419	1,075	1,643	1,202
Asparagus	15,427	23,989	11,232	11,289	16,958	13,599	15,099	19,990
Beans, Green	263,245	262,708	235,182	243,193	285,029	255,832	260,043	281,469
Beans, Gr. Italian	16,667	19,213	16,855	15,443	20,355	19,954	22,665	24,511
Beans, Wax	7,478	10,629	8,744	9,227	8,283	7,387	8,487	10,094
Beans, Lima	119,255	124,273	85,908	88,840	123,722	(r)113,217	(r)122,479	117,057
Beans, Speck Butter ..	12,609	3,876	4,544	8,630	8,966	6,546	7,901	6,671
Broccoli	276,519	298,618	290,657	306,755	335,516	285,358	365,764	356,806
Brussels Sprouts	71,161	61,353	63,366	62,162	52,980	41,354	50,449	44,735
Carrots	238,415	263,080	191,151	269,845	296,679	212,500	255,585	254,586
Cauliflower	127,513	101,130	84,766	105,161	111,644	100,541	102,106	94,617
Celery	17,507	17,494	8,729	11,762	12,764	13,497	17,062	15,839
Collards	17,901	16,534	13,206	16,051	18,031	9,440	12,968	15,708
Corn, cut	303,155	310,648	270,531	313,982	455,714	367,272	323,977	360,297
Corn, on cob	307,079	269,422	258,567	305,390	378,629	293,947	349,666	423,328
Kale	5,403	3,637	4,292	4,788	4,727	2,894	3,335	5,167
Mixed Vegetables*	121,875	158,160	172,499	164,606	141,165	(r)157,279	162,558	178,351
Mushrooms	8,848	14,193	14,706	22,074	23,443	24,539	24,457	28,669
Mustard Greens	10,595	10,020	7,465	13,011	8,516	7,998	8,508	11,222
Okra	46,295	33,305	41,698	43,774	54,339	46,038	54,579	51,815
Onion rings	124,492	132,382	116,363	119,786	135,522	107,429	117,376	91,896
Onions, other	29,588	34,857	39,718	40,088	46,822	(r)35,208	39,106	50,113
Peas, Blackeye	36,981	21,099	20,933	33,404	23,821	22,926	28,207	31,675
Peas, Green	357,717	427,461	315,577	333,888	404,830	354,480	423,740	485,985
Peas & Carrots*	31,844	32,036	33,208	33,249	29,539	31,238	31,998	34,887
Peas & Onions*	5,051	7,740	8,046	10,260	7,434	8,571	9,477	11,174
Peppers, Gr. & Red	11,993	10,661	15,367	16,147	12,940	24,523	25,586	20,922
Pumpkin & Sq.	25,058	23,667	23,000	37,806	24,897	17,759	15,824	20,734
Rhubarb	4,856	7,899	8,444	6,483	6,767	3,402	5,271	6,647
Spinach	147,389	181,279	169,298	183,646	150,667	143,205	171,249	174,802
Squash, Summer	48,826	38,149	36,737	46,833	65,179	62,738	66,467	67,458
Stew Vegetables*	13,697	16,324	16,947	14,366	13,908	14,361	19,877	20,201
Succotash*	6,099	7,019	6,736	6,600	6,578	6,037	5,479	6,841
Swt. Pot. & Yams	15,483	14,981	16,135	19,993	20,822	(r)9,719	13,749	18,677
Turnip Greens	13,735	15,948	10,705	13,020	9,799	11,925	10,299	14,446
Turnips, Tur.Gr/Tur ..	23,511	23,210	21,321	19,243	19,759	23,290	19,215	20,639
Misc. Veg.	11,859	7,922	9,890	7,682	14,411	(r)7,208	(r)5,252	3,144
Total Vegetables*	2,711,923	2,785,427	2,416,073	2,736,089	3,153,970	(r)2,643,800	2,948,114	3,130,858
Tot. Potato Products ..	3,848,810	4,089,732	3,853,156	4,236,239	4,377,228	4,509,905	4,732,894	5,118,102
Tot. Veg. & Pot.	6,560,733	6,875,159	6,269,229	6,972,328	7,531,198	(r)7,153,705	7,681,008	8,248,960

*Repack—Quantities of component products are included in the individual product figures of this table which represent first freezing. The figures themselves are Repacks not included in "Total Vegetables". (r)—Revised.

TOTAL FROZEN VEGETABLE PACKS BY REGION

Thousands of Pounds

	1978	1979	1980	1981	1982	1983	1984(r)	1985
East	516,792	532,217	506,724	626,792	660,457	613,330	492,107	755,814
South	306,132	301,155	312,717	296,887	314,202	252,382	282,053	326,029
Midwest	620,087	771,758	677,385	893,206	1,036,259	1,067,808	1,134,522	1,280,342
West	5,117,722	5,270,029	4,772,403	5,155,443	5,520,280	5,220,185	5,772,326	5,886,775
Total US	6,560,733	6,875,159	6,269,229	6,972,328	7,531,198	7,153,705	7,651,008	8,248,960

EAST AND SOUTH: Ala., Ark., Conn., Del., Fla., Ga., Ky., La., Me., Md., Mass., Miss., Mo., N.J., New Mexico, N.Y., N.C., Okla., Pa., Tenn., Texas, and Va.
 MIDWEST: Ill., Ind., Michigan, Minnesota, Nebraska, North Dakota, South Dakota, Ohio and Wisconsin.
 WEST: California, Colorado, Idaho, Montana, Oregon, Utah, Washington and Wyoming.
 r - Revised.

FROZEN ASPARAGUS PACKS IN THE U.S.

Thousands of Pounds—Compiled by The American Frozen Food Institute

1942....5,769	1948....18,321	1954....25,780	1960....40,026	1966....34,532	1972....33,574
1943....9,619	1949....18,422	1955....28,669	1961....34,157	1967....32,460	1973....20,157
1944....12,339	1950....22,309	1956....37,674	1962....30,810	1968....34,355	1974....16,190
1945....20,638	1951....23,562	1957....31,201	1963....30,315	1969....23,033	1975....18,409
1946....28,316	1952....25,460	1958....24,365	1964....31,064	1970....25,925	1976....23,750
1947....10,737	1953....32,945	1959....32,739	1965....30,867	1971....29,959	1977....22,474

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
Ea., So., MW	2,330	2,181	†	n.a.	n.a.	n.a.	†	†	n.a.	†
California	15,217	14,591	7,256	n.a.	n.a.	n.a.	8,107	4,652	n.a.	8,840
Washington	6,203	5,702	†8,171	n.a.	n.a.	n.a.	†8,851	8,947	n.a.	11,150
BY STYLE										
Spears	15,988	14,801	9,067	15,428	6,632	6,489	9,681	7,563	7,776	9,778
Cuts & Tips	7,702	7,673	6,360	8,561	4,600	4,800	7,277	6,036	7,323	10,212
SIZE CLASSIFICATION										
Retail	10,546	10,940	6,951	9,226	4,279	5,280	4,090	4,666	4,263	5,201
Food Service	12,788	11,116	7,233	13,431	5,933	6,006	11,502	8,134	8,168	9,102
Bulk	416	418	1,243	1,332	1,020	3	1,366	799	2,668	5,687
Total Pack	23,750	22,474	15,427	23,989	11,232	11,289	16,958	13,599	15,099	19,990

† Ea., So. & MW included in Washington. n.a.-Not available.

FROZEN GREEN BEAN PACKS IN THE U.S.

Thousands of Pounds—Compiled by The American Frozen Food Institute

1942....13,784	1948....49,583	1954....123,253	1960....148,751	1966....217,914	1972....243,576
1943....24,491	1949....58,524	1955....120,968	1961....170,256	1967....224,848	1973....267,852
1944....23,753	1950....65,529	1956....137,744	1962....154,368	1968....207,910	1974....239,872
1945....31,460	1951....81,650	1957....134,361	1963....156,320	1969....184,766	1975....208,185
1946....40,975	1952....87,438	1958....156,006	1964....173,794	1970....199,203	1976....179,353
1947....30,911	1953....114,781	1959....138,527	1965....177,218	1971....211,601	1977....230,248

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
PACK BY REGION*										
East & South	59,364	89,039	101,722	100,462	84,190	94,442	113,386	97,184	131,635	147,493
Midwest	16,140	19,936	29,172	25,173	24,229	30,011	30,783	32,367	(b)	(b)
Northwest	103,849	121,273	132,351	137,073	126,763	123,740	140,860	126,281	128,408	133,976
California	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
BY STYLE										
Regular cut	114,446	142,239	161,085	162,000	155,996	160,020	190,658	162,699	158,413	179,349
French cut	59,974	82,633	95,117	91,686	71,713	78,639	82,485	78,825	81,355	82,544
Whole	4,933	5,376	7,043	9,022	7,473	9,534	11,886	14,308	20,275	19,576
SIZE CLASSIFICATION										
Retail	70,989	94,957	97,356	99,010	90,334	96,109	95,820	99,602	105,257	111,991
Food Service	39,697	46,335	50,652	51,265	45,493	48,188	54,600	56,387	51,994	50,242
Bulk	43,774	51,412	72,837	71,856	61,474	67,279	98,104	69,215	72,254	68,135
Subtotal	154,460	192,704	220,845	222,131	197,301	211,576	248,524	225,204	229,505	230,368
Other Uses**	24,893	37,544	42,400	40,577	37,881	36,617	36,505	30,628	30,538	51,101
TOTAL PACK ...	179,353	230,248	263,245	262,708	235,182	248,193	285,029	255,832	260,043	281,469
GREEN BEANS, ITALIAN										
Retail	3,990	5,792	4,310	6,225	3,557	3,896	5,423	4,158	5,479	6,776
Food Service	1,546	2,199	2,334	2,232	2,787	2,634	3,852	3,693	3,105	2,711
Bulk	2,880	3,727	6,665	5,799	3,766	5,011	5,125	9,097	11,052	10,115
Other Uses	3,178	4,189	3,358	4,957	6,745	3,912	5,955	3,006	3,029	4,909
TOTAL PACK ...	11,594	15,907	16,667	19,213	16,855	15,443	20,355	19,954	22,665	24,511

n.a.-Not available. *Some overlap from region to region. **Frozen product used for combination packs and/or canned and prepared foods. (a) Included in Northwest. (b) Included in East & South.

FROZEN GREEN BEANS*—SUPPLY—STOCKS MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

July 1 to July 1	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Carry-in 7/1	75.3	33.0	41.2	73.4	91.2	80.9	68.8	86.4	81.5	75.2
Pack	174.4	224.9	256.2	253.7	227.7	238.7	273.1	241.5	239.8	261.9
Packer Supply ...	249.7	257.9	297.4	327.1	318.9	319.6	341.9	327.9	321.3	337.1
Shipments 7/1-1/1	126.3	128.2	132.1	145.8	124.6	142.2	137.8	115.9	131.5	165.2
Stocks 1/1	123.4	129.7	165.3	181.3	194.3	177.4	204.1	212.0	189.8	171.9
Shipments 1/1-7/1	90.4	88.5	91.9	90.1	113.4	108.6	117.7	130.5	114.6	P
c/o Stocks 7/1....	33.0	41.2	73.4	91.2	80.9	68.8	86.4	81.5	75.2	P
Shipments 7/1-7/1	216.7	216.7	224.0	235.9	238.0	250.8	255.5	246.4	246.1	P

*Stock figures include regular cut and French cut green only. Pack figures adjusted accordingly to reflect accurate movement. P - Not available at press time 6/15/86.

FROZEN WAX BEAN PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Retail	1,354	1,676	1,344	2,104	1,126	1,451	1,548	1,436	2,046	1,912
Food Service	1,510	2,758	2,505	1,896	2,495	2,328	2,915	2,711	1,833	1,766
Bulk	3,789	409	1,923	5,112	3,372	4,684	2,759	2,369	4,012	5,855
Other Uses	347	762	1,706	1,517	1,751	764	1,061	871	596	501
TOTAL PACK ...	7,000	5,605	7,478	10,629	8,744	9,227	8,283	7,387	8,487	10,034

FROZEN LIMA BEAN PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

BABY LIMAS

1945 ... 19,234	1951 ... 44,147	1957 ... 60,736	1963 ... 61,707	1969 ... 82,562	1975 ... 85,670
1946 ... 28,805	1952 ... 52,405	1958 ... 65,461	1964 ... 60,823	1970 ... 73,012	1976 ... 43,854
1947 ... 29,858	1953 ... 64,390	1959 ... 64,351	1965 ... 81,425	1971 ... 73,893	1977 ... 92,154
1948 ... 31,663	1954 ... 60,726	1960 ... 79,535	1966 ... 89,693	1972 ... 92,634	1978 ... 81,145
1949 ... 44,665	1955 ... 58,232	1961 ... 89,883	1967 ... 85,687	1973 ... 98,112	1979 ... 82,775
1950 ... 33,960	1956 ... 67,978	1962 ... 81,592	1968 ... 84,579	1974 ... 97,163	1980 ... 52,788

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
East, So& Midwest	8,036	15,134	14,306	11,469	8,976	15,575	18,144	17,803	24,039	21,359
Northwest	7,048	11,341	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
California	28,770	65,679	66,839	71,306	43,812	51,909	73,637	67,359	58,946	63,208
SIZE CLASSIFICATION										
Retail	31,764	43,398	33,483	35,288	29,317	35,849	30,661	31,544	23,146	26,084
Food Service	10,057	12,669	12,197	11,582	11,295	8,837	12,680	11,498	7,899	9,532
Bulk	(5,819)	25,183	22,904	28,521	788	14,409	41,230	33,560	41,609	35,314
Subtotal	36,002	81,250	68,584	75,391	41,400	59,095	84,571	76,602	72,654	70,930
Other Uses	7,852	10,904	12,561	7,384	11,388	8,389	7,210	8,560	10,331	13,637
Total Baby	43,854	92,154	81,145	82,775	52,788	67,484	91,781	85,162	82,985	84,567

(b) Included in California.

FORDHOOK LIMAS

1945 ... 9,242	1951 ... 63,873	1957 ... 70,644	1963 ... 56,000	1969 ... 55,792	1975 ... 50,245
1946 ... 21,278	1952 ... 61,521	1958 ... 60,449	1964 ... 55,665	1970 ... 36,844	1976 ... 24,973
1947 ... 38,336	1953 ... 74,205	1959 ... 49,672	1965 ... 64,102	1971 ... 40,690	1977 ... 45,204
1948 ... 43,741	1954 ... 68,948	1960 ... 68,022	1966 ... 62,224	1972 ... 52,968	1978 ... 38,110
1949 ... 43,284	1955 ... 59,465	1961 ... 70,053	1967 ... 63,950	1973 ... 51,577	1979 ... 41,498
1950 ... 52,029	1956 ... 75,560	1962 ... 68,992	1968 ... 66,513	1974 ... 46,226	1980 ... 33,120

	1976	1977	1978	1979	1980	1981	1982	1983(r)	1984(r)	1985
SIZE CLASSIFICATION										
Retail	19,881	24,790	22,904	25,179	22,879	23,170	20,115	24,940	16,699	18,374
Food Service	5,638	8,407	5,504	7,512	4,842	4,831	5,501	4,545	4,587	2,731
Bulk	(546)	12,007	9,702	8,807	5,399	(6,645)	6,325	(1,430) ¹	18,208 ²	11,385
Total Fordhook ..	24,973	45,204	38,110	41,498	33,120	21,356	31,941	28,055	39,494	32,490

(r) Revised. ¹Deficit attributable to previous year carryover. ²Frozen prior to other use.

FROZEN BROCCOLI PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....	3,223	1948....	29,126	1954....	62,004	1960....	128,210	1966....	158,586	1972....	234,344
1943....	4,882	1949....	45,233	1955....	96,240	1961....	121,636	1967....	166,730	1973....	213,165
1944....	6,840	1950....	41,028	1956....	118,287	1962....	111,450	1968....	172,959	1974....	245,285
1945....	11,656	1951....	48,768	1957....	80,452	1963....	135,334	1969....	153,784	1975....	191,638
1946....	25,789	1952....	82,253	1958....	109,679	1964....	129,817	1970....	185,157	1976....	201,513
1947....	9,117	1953....	89,043	1959....	103,215	1965....	122,310	1971....	189,600	1977....	314,395

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
Other States	6,959	11,209	11,431	n.a.	n.a.	18,055	31,666	24,999	35,339	19,074
California †	194,554	303,186	265,088	n.a.	n.a.	288,700	303,850	260,359	330,375	337,732
BY STYLE										
Cuts	56,874	93,197	82,707	106,874	102,853	110,541	125,334	102,371	140,579	147,085
Chopped	28,463	49,565	40,340	34,666	36,021	41,047	39,654	33,467	45,709	54,830
Spears	116,176	171,633	153,472	157,078	151,783	155,167	170,528	149,520	179,476	154,891
SIZE CLASSIFICATION										
Retail	119,396	185,728	157,279	167,095	167,183	154,835	154,174	133,501	151,926	153,614
Food Service	59,692	85,997	76,169	80,362	72,346	95,783	96,042	104,182	115,331	114,414
Bulk	14,585	27,013	21,246	27,568	16,286	27,132	37,426	21,710	72,213	29,288
Subtotal	193,673	298,738	255,394	275,025	255,815	277,700	287,642	259,393	339,470	297,266
Other Uses	7,840	15,657	21,125	23,593	34,842	29,055	47,874	25,965	26,294	59,540
TOTAL PACK ...	201,513	314,395	276,519	298,618	290,657	306,755	335,516	285,358	365,764	356,806

n.a. - Not available.

† Includes Northwest 1980 and later years.

FROZEN BROCCOLI—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

THOUSANDS OF POUNDS

March 1 to March 1	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Carry-in 3/1	54,120	24,405	85,315	60,184	78,660	76,342	55,525	88,518	62,100	91,122
Pack	201,513	314,395	276,519	298,618	290,657	306,755	335,516	285,358	365,764	356,806
Packer Supply	255,633	338,800	361,834	358,802	369,317	383,097	391,041	373,876	427,894	447,928
Shipments 3/1-1/1	203,920	229,476	267,335	265,492	272,119	299,011	283,864	303,074	335,137	363,384
Stocks 1/1	51,713	109,324	94,499	133,310	97,198	84,086	107,177	70,802	92,757	84,544
Shipments 1/1-3/1	27,308	24,009	34,315	24,650	20,856	23,561	18,659	8,702	1,635	712
c/o Stocks 3/1	24,405	85,315	60,184	78,660	76,342	55,525	88,518	62,100	91,122	83,832
Shipments 3/1-3/1	231,228	253,485	301,650	280,142	292,975	327,572	302,523	311,776	336,772	364,096

FROZEN BRUSSELS SPROUTS PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....	3,430	1948....	10,526	1954....	33,418	1960....	39,261	1966....	51,698	1972....	55,845
1943....	4,839	1949....	23,455	1955....	23,142	1961....	40,057	1967....	39,479	1973....	56,836
1944....	4,920	1950....	22,439	1956....	43,989	1962....	40,334	1968....	49,024	1974....	53,729
1945....	6,606	1951....	22,476	1957....	33,354	1963....	42,272	1969....	40,083	1975....	54,422
1946....	13,521	1952....	22,454	1958....	30,424	1964....	47,476	1970....	42,663	1976....	44,845
1947....	4,557	1953....	40,802	1959....	38,733	1965....	37,339	1971....	49,195	1977....	56,642

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
SIZE CLASSIFICATION										
Retail	32,729	41,598	45,782	41,889	44,497	43,741	33,547	27,299	26,215	24,149
Other	12,116	15,044	25,379	19,464	18,869	18,421	19,433	14,055	24,234	20,586
TOTAL PACK ...	44,845	56,642	71,161	61,353	63,366	62,162	52,980	41,354	50,449	44,735

FROZEN CARROT PACKS IN THE U.S.

Compiled by The American Frozen Food Institute
Thousands of Pounds

1942.....1,043	1948.....15,393	1954.....27,494	1960.....72,100	1966...131,127	1972...165,879
1943.....2,260	1949.....12,751	1955.....34,389	1961.....60,271	1967...133,337	1973...231,688
1944.....903	1950.....13,338	1956.....61,010	1962.....79,422	1968...162,282	1974...248,081
1945.....6,051	1951.....10,573	1957.....34,237	1963.....69,773	1969...150,945	1975...165,869
1946.....9,069	1952.....22,269	1958.....53,713	1964.....63,947	1970...173,054	1976...181,277
1947.....2,905	1953.....29,332	1959.....55,487	1965...109,538	1971...143,681	1977...263,769

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
East, South & M.W.	28,808	28,446	35,980	31,324	40,882	66,743	72,658	73,456	69,104	53,986
Northwest.....	75,151	115,199	90,950	117,917	65,601	120,575	135,986	86,224	101,441	124,470
California.....	77,318	120,124	111,485	113,839	84,668	82,527	88,035	52,820	85,040	76,130
BY STYLE										
Diced (b).....	100,673	141,599	108,547	143,335	101,306	146,972	145,091	88,331	94,509	99,940
Sliced & Crinkle	45,331	60,999	68,139	73,765	56,779	70,892	86,406	69,843	89,505	84,604
Nuggets, Baby										
& whole.....	19,262	27,233	27,067	24,310	19,285	26,558	30,144	26,883	41,033	43,642
Shoestring.....	7,677	14,067	11,593	10,625	8,254	19,026	27,644	19,803	21,208	20,460
Chunks & Chips (b)	8,334	19,871	23,069	11,045	5,527	6,397	7,394	7,640	9,330	5,940
SIZE CLASSIFICATION										
Retail.....	27,883	33,703	38,406	33,532	34,049	41,000	37,985	39,851	32,033	38,831
Food Service....	16,516	19,377	21,093	17,936	18,368	21,203	19,590	20,466	22,003	23,841
Bulk.....	100,835	155,440	116,497	150,544	81,875	158,870	183,585	95,248	128,632	114,105
Subtotal.....	145,234	208,520	175,996	202,012	134,292	221,073	241,160	155,565	182,668	176,777
Other Uses.....	36,043	55,249	62,419	61,068	56,859	48,772	55,519	56,935	72,917	77,809
TOTAL PACK...	181,277	263,769	238,415	263,080	191,151	269,845	296,679	212,500	255,585	254,586

(a) Included in East & South. (b) Beginning 1978, chips in diced, other in chunks.

FROZEN CARROTS—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

Aug. 1 to Aug. 1	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Carry-in 8/1.....	62.3	48.7	90.6	75.6	93.5	57.4	75.0	142.8	96.7	93.7
Pack.....	181.3	263.8	238.4	263.1	191.2	269.8	296.7	212.5	255.6	254.6
Packers Supply...	243.6	312.5	329.0	338.7	284.7	327.2	371.7	355.3	352.3	348.3
Shipments 8/1-1/1	132.8	157.3	165.3	162.4	144.6	176.9	159.5	168.9	188.6	167.5
Stocks 1/1.....	110.8	155.2	163.7	176.3	140.1	150.3	212.2	186.4	163.7	180.8
Shipments 1/1-8/1	62.1	64.6	88.1	82.8	82.7	75.3	69.4	89.7	70.0	P
c/c Stocks 8/1....	48.7	90.6	75.6	93.5	57.4	75.0	142.8	96.7	93.7	P
Shipments 8/1-8/1	194.9	221.8	253.5	245.2	227.3	252.2	228.8	258.6	258.6	P

P - Not available at press time 6/15/86.

FROZEN CAULIFLOWER IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942.....1,200	1948....13,963	1954....17,088	1960....48,743	1966....53,985	1972....94,070
1943.....2,513	1949....21,655	1955....40,086	1961....41,117	1967....50,971	1973....96,098
1944.....4,821	1950....12,339	1956....47,159	1962....37,806	1968....67,566	1974....93,754
1945.....7,391	1951....22,428	1957....22,690	1963....40,677	1969....69,744	1975....76,056
1946....13,237	1952....33,166	1958....33,251	1964....43,596	1970....59,782	1976....67,807
1947....5,354	1953....35,710	1959....33,566	1965....46,211	1971....67,659	1977....96,670

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
California	51,929	76,981	96,771	76,957	66,369	85,370	85,339	71,779	72,062	60,250
Ea., So., NW.	15,878	19,689	30,742	24,173	18,397	19,791	26,305	23,762	30,044	34,367
SIZE CLASSIFICATION										
Retail	36,586	49,144	59,930	48,954	41,916	40,970	36,468	29,821	27,523	27,004
Other	23,748	36,484	57,687	39,788	21,397	50,165	52,968	52,093	53,820	28,540
Subtotal	60,334	85,628	117,617	88,742	63,313	91,135	89,436	81,914	81,343	55,544
Other Uses	7,473	11,042	9,896	12,388	21,453	14,026	22,208	18,627	20,763	39,073
TOTAL PACK ...	67,807	96,670	127,513	101,130	84,766	105,161	111,644	100,541	102,106	94,617

FROZEN CORN-ON-COB PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942.....1,767	1948....10,324	1954....16,788	1960....11,320	1966....44,241	1972...133,064
1943.....846	1949....17,563	1955....6,932	1961....12,000	1967....43,973	1973...166,830
1944.....606	1950....10,069	1956....20,422	1962....16,873	1968....76,358	1974...152,330
1945.....445	1951....8,772	1957....13,699	1963....11,748	1969....73,914	1975...183,381
1946....2,296	1952....14,186	1958....10,370	1964....27,757	1970....80,889	1976...187,582
1947....6,064	1953....17,217	1959....9,872	1965....40,337	1971...106,893	1977...265,183

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
East & South	25,476	30,590	33,642	34,910	26,712	31,702	46,846	45,684	59,250	51,150
Midwest	42,904	81,920	87,996	66,114	78,199	107,790	96,828	60,148	93,285	120,110
West	119,202	152,673	185,441	168,398	153,656	165,898	234,955	188,115	197,131	252,066
SIZE CLASSIFICATION										
Retail	87,747	102,512	131,080	179,737	131,283	152,195	168,441	160,919	178,279	198,731
Food Service	36,391	87,056	93,062	109,378	109,646	84,331	133,404	109,905	130,034	186,036
Bulk	63,444	75,615	82,937	†(19,693)	17,638	68,864	76,784	23,123	41,353	38,559
TOTAL PACK ...	187,582	265,183	307,079	269,422	258,567	305,390	378,629	293,947	349,666	423,326

†Deficit attributable to previous years carryover.

FROZEN CUT CORN PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....9,369	1948....20,920	1954....78,212	1960...130,460	1966...300,165	1972...273,776
1943....21,450	1949....37,076	1955....70,041	1961...168,960	1967...316,100	1973...294,223
1944....20,983	1950....32,998	1956...118,153	1962...163,456	1968...334,549	1974...298,224
1945....25,551	1951....44,549	1957...112,917	1963...168,156	1969...289,268	1975...288,067
1946....42,427	1952....62,684	1958...111,039	1964...159,846	1970...216,097	1976...282,391
1947....26,559	1953...104,809	1959...121,013	1965...222,185	1971...226,835	1977...260,773

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
East & South	24,788	22,053	21,857	20,701	22,007	23,493	37,150	42,031	48,848	51,676
Midwest	66,186	54,177	60,437	40,754	51,702	55,978	66,219	56,190	65,179	84,877
West	191,417	184,543	220,861	249,193	196,822	234,511	352,345	269,051	209,950	223,744
SIZE CLASSIFICATION										
Retail	117,505	126,114	118,443	121,027	116,020	132,999	133,417	144,817	130,890	166,185
Food Service	33,556	34,967	38,458	36,484	34,725	43,026	43,350	55,405	54,569	58,767
Bulk	104,661	66,685	106,482	113,440	81,177	101,498	243,169	127,689	95,217	87,542
Subtotal	255,722	227,766	263,383	270,951	231,922	277,523	419,936	327,911	280,676	312,494
Other Uses	26,669	33,007	39,772	39,697	38,609	36,459	35,778	39,361	43,301	47,803
TOTAL ALL	282,391	260,773	303,155	310,648	270,531	313,982	455,714	367,272	323,977	360,297

FROZEN SWEET CORN*—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

Aug. 1. - Aug. 1	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Carry-in 8/1	125.7	125.8	124.4	154.8	120.3	54.8	64.0	192.3	124.5	120.5
Pack	470.0	526.0	610.2	580.1	529.1	619.4	834.3	661.2	673.6	783.6
Packers Supply	595.7	651.8	734.6	734.9	649.4	674.2	898.3	853.5	798.1	904.1
Shipments 8/1-1/1	194.2	228.7	252.7	291.6	291.0	320.9	339.8	310.9	323.4	393.5
Stocks 1/1	401.5	423.1	481.9	443.3	358.4	353.3	558.5	542.6	474.7	510.6
Shipments 1/1-8/1	275.7	298.7	327.1	323.0	303.6	289.3	366.2	418.1	354.2	P
c/o Stocks 8/1	125.8	124.4	154.8	120.3	54.8	(e)64.0	192.3	124.5	120.5	P
Shipments 8/1-8/1	469.9	527.4	579.8	614.6	594.6	610.2	706.0	729.0	677.6	P

*Corn-on-cob and cut corn combined. (e) Estimate. P - Not available at press time 6/15/86.

FROZEN OKRA PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Production Chiefly in the South—Thousands of Pounds

1947	372	1952	8,427	1957	17,071	1962	23,084	1967	47,465	1972	27,924
1948	1,526	1953	12,285	1958	15,767	1963	21,144	1968	30,485	1973	40,597
1949	2,344	1954	7,756	1959	22,307	1964	35,451	1969	38,250	1974	42,992
1950	2,620	1955	13,647	1960	17,955	1965	20,365	1970	44,168	1975	27,970
1951	4,789	1956	13,084	1961	24,754	1966	38,327	1971	32,234	1976	27,489

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY STYLE										
Whole	9,576	13,705	14,067	8,732	8,224	10,387	6,446	4,884	14,885	6,824
Cut	17,913	27,846	32,228	24,573	33,474	33,387	47,893	41,154	39,694	44,991
SIZE CLASSIFICATION										
Retail	24,589	28,183	23,027	27,186	30,993	23,171	18,459	24,135	18,491	30,247
Other	2,900	13,368	23,268	6,119	10,705	20,603	35,880	21,903	36,088	21,568
TOTAL PACK ...	27,489	41,551	46,295	33,305	41,698	43,774	54,339	46,038	54,579	51,815

FROZEN ONION PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1967	23,433	1969	37,881	1971	75,882	1973	114,679	1975	121,101	1977	152,718
1968	34,621	1970	52,205	1972	110,672	1974	111,228	1976	148,963	1978	154,080

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BREADED RINGS¹										
TOTAL	64,081	66,774	65,739	70,140	63,104	80,398	80,120	51,071	55,211	39,392
FORMED RINGS										
3 to 8 ounce	3,428	4,193	3,040	4,570	2,501	2,025	(a)	(a)	(a)	(a)
12 to 32 ounce	18,848	18,868	12,942	14,366	13,036	9,357	7,232	12,605	21,820	8,230
2 to 20 pound	33,926	32,550	42,771	43,306	37,722	28,006	48,170	43,753	40,345	*44,273
TOTAL	56,202	55,611	58,753	62,242	53,259	39,388	55,402	56,358	62,165	52,503
Total Rings	120,283	122,385	124,492	132,382	116,363	119,786	135,522	107,429	117,376	91,895
WHOLE, CHOPPED, ETC.²										
10 to 32 ounce	1,038	640	493	649	666	3,754	3,920	r3,682	3,734	6,797
Polybags	11,349	9,354	8,454	10,175	5,508	4,185	4,080	6,907	7,562	5,475
3 to 20 lb.	6,465	2,152	2,328	2,604	6,015	3,122	3,256	3,527	1,599	7,206
Bulk	2,901	8,224	10,399	11,641	22,050	16,553	27,729	3,394	8,952	†18,843
Sub Total	21,753	20,370	21,674	25,069	34,239	27,614	38,985	17,510	21,847	38,321
Other uses**	6,927	9,963	7,914	9,788	5,479	12,474	7,837	17,698	17,259	11,792
TOTAL	28,680	30,333	29,588	34,857	39,718	40,088	46,822	r35,208	39,106	50,113
ALL STYLES										
TOTAL	148,963	152,718	154,080	167,239	156,081	159,874	182,344	142,637	156,482	142,008

¹Production chiefly in the Midwest. ²Includes whole, chopped, sliced, pearl, strips, etc. Production chiefly in the West. (a) Included in 12 to 32 oz. † Includes 21-60 lb. * Includes poly bag. ** Initial frozen vegetable weight going into combination (mixed) vegetables and prepared foods. r - Revised.

FROZEN BLACK-EYED (AND OTHER SOUTHERN*) PEAS

Compiled by The American Frozen Food Institute

Thousands of Pounds

1948.....573	1953.....6,431	1958....13,012	1963....15,639	1968....25,579	1973....41,974
1949.....704	1954.....5,698	1959....14,821	1964....23,452	1969....20,647	1974....30,881
1950.....1,280	1955.....10,227	1960....16,678	1965....26,037	1970....30,084	1975....21,745
1951.....2,725	1956.....6,737	1961....18,683	1966....29,780	1971....33,027	1976....31,368
1952.....4,146	1957....11,624	1962....18,380	1967....44,236	1972....38,004	1977....36,064

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY TYPE										
Black-eyed	17,125	19,082	21,951	12,554	14,966	21,013	15,645	17,214	18,593	23,407
Other	14,243	16,972	15,030	8,545	5,967	12,391	8,176	5,712	9,614	8,268
SIZE CLASSIFICATION										
Retail	23,843	21,700	16,789	23,901	18,125	19,153	18,246	17,408	16,032	16,598
Other	7,525	14,354	20,192	†(2,802)	2,808	14,251	5,575	5,518	12,175	15,077
TOTAL PACK ...	31,368	36,054	36,981	21,099	20,933	33,404	23,821	22,926	28,207	31,675

*Includes crowder, field, lady, creme, purple hull, etc. †Deficit attributable to previous years carryover and imported product repacked in U.S.

FROZEN GREEN PEA PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942...59,077	1948...118,977	1954...206,854	1960...295,227	1966...375,360	1972...340,075
1943...70,310	1949...113,273	1955...231,216	1961...346,069	1967...424,246	1973...387,749
1944...79,152	1950...152,275	1956...359,661	1962...356,857	1968...429,352	1974...416,682
1945...103,834	1951...195,541	1957...295,823	1963...344,784	1969...367,323	1975...400,587
1946...140,603	1952...203,726	1958...251,934	1964...336,931	1970...344,520	1976...340,366
1947...131,786	1953...226,664	1959...304,955	1965...443,289	1971...348,418	1977...333,964

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
East & South	24,632	26,057	29,911	43,912	38,822	54,564	51,698	41,293	53,869	90,898
Midwest	36,791	49,602	44,144	54,463	43,016	44,300	78,374	60,236	73,220	118,229
Northwest	258,802	233,231	266,385	305,058	217,584	223,461	250,555	252,951	296,651	276,868
California	20,141	25,064	17,277	24,028	16,155	11,563	24,203			
SIZE CLASSIFICATION										
Retail	125,633	132,457	131,175	142,675	126,257	154,927	149,600	155,930	130,779	171,479
Food Service	64,700	55,644	49,252	62,923	54,027	61,720	50,375	57,234	63,031	65,082
Bulk	112,588	102,069	130,052	169,574	87,806	71,903	160,372	83,881	175,550	177,994
Subtotal	302,921	290,170	310,479	375,172	268,090	288,550	360,347	297,045	369,360	414,555
Other Uses	37,445	43,784	47,238	52,789	47,487	45,338	44,483	57,435	54,380	71,430
TOTAL PACK ...	340,366	333,954	357,717	427,461	315,577	333,888	404,830	354,480	423,740	485,985

FROZEN GREEN PEAS—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;

Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

June 1 - June 1	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Carry-in 6/1	134.7	101.9	91.6	82.9	122.5	68.8	55.0	92.5	82.5	119.9
Pack	340.4	334.0	357.7	427.5	315.6	333.9	404.8	354.5	423.7	486.0
Packers Supply	475.1	435.9	449.3	510.4	438.1	402.7	459.8	447.0	506.2	605.9
Shipments 6/1-1/1	244.6	210.1	221.3	229.7	208.3	222.4	212.7	218.0	253.3	290.9
Stocks 1/1	230.5	225.8	228.0	280.7	229.8	180.3	247.1	229.0	252.9	315.0
Shipments 1/1-6/1	128.6	134.2	145.1	158.2	161.0	125.3	154.6	146.5	133.0	P
c/o Stocks 6/1	101.9	91.6	82.9	122.5	68.8	55.0	92.5	82.5	119.9	P
Shipments 6/1-6/1	373.2	344.3	366.4	387.9	369.3	347.7	367.3	364.5	386.3	P

P - Not available at press time

FROZEN POTATO PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1953.....70,691	1958.....269,462	1963.....861,537	1968....1,736,055	1973....2,691,072
1954.....85,256	1959.....371,048	1964....1,117,883	1969....2,048,408	1974....2,984,881
1955.....128,890	1960.....551,392	1965....1,218,529	1970....2,404,389	1975....3,000,983
1956.....189,685	1961.....579,162	1966....1,459,634	1971....2,565,118	1976....3,335,051
1957.....219,860	1962.....761,609	1967....1,490,809	1972....2,593,848	1977....3,622,823

	1978	1979	1980	1981	1982	1983	1984	1985
TOTAL BY REGION								
California.....				11,607	9,267	8,534	20,855	12,813
Northwest.....	3,231,754	3,233,465	3,113,369	3,338,380	3,377,783	3,484,868	3,867,330	3,937,933
East, So. & MW...	617,056	856,267	739,787	886,252	990,178	1,016,503	844,709	1,167,356
U.S. Total.....	3,848,810	4,089,732	3,853,156	4,236,239	4,377,228	4,509,905	4,732,894	5,118,102
TOTAL BY STYLE								
French Fries.....	3,265,498	3,488,045	3,182,351	3,577,940	3,662,379	3,817,151	3,943,433	4,383,629
Hash Browns.....	222,021	235,478	(a)	(a)	(a)	(a)	(a)	(a)
Misc. Products....	361,291	366,209	670,805	658,299	714,849	692,754	789,461	734,473
FRENCH FRIES								
Total Retail.....	562,168	610,008	597,423	562,258	540,596	476,670	498,534	538,663
Tot. Food Service...	2,676,579	2,970,491	2,569,557	3,039,757	3,124,668	3,335,037	3,414,023	3,907,411
Tot. Bulk.....	26,751	†(92,454)	15,371	†(24,075)	†(2,885)	5,444	30,876	†(62,445)
All French Fries...	3,265,498	3,488,045	3,182,351	3,577,940	3,662,379	3,817,151	3,943,433	4,383,629

(a) Included in Misc. † Deficit attributable to previous years' carryover.

PUMPKIN AND COOKED SQUASH

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....2,633	1948.....5,577	1954....13,036	1960....23,447	1966....19,697	1972....29,708
1943....8,344	1949....8,337	1955....17,863	1961....15,894	1967....23,298	1973....29,047
1944....10,002	1950....8,325	1956....24,158	1962....12,101	1968....24,672	1974....32,641
1945....7,354	1951....12,723	1957....13,151	1963....12,190	1969....26,091	1975....29,802
1946....10,009	1952....15,068	1958....18,007	1964....11,243	1970....27,241	1976....22,177
1947....5,120	1953....9,473	1959....15,705	1965....17,390	1971....28,470	1977....25,168

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
SIZE CLASSIFICATION										
Retail.....	9,798	13,999	12,254	11,955	9,944	17,249	9,533	8,126	6,677	7,901
Other.....	12,379	11,169	12,804	11,712	13,056	20,557	15,364	9,633	9,147	12,833
Total Pack.....	22,177	25,168	25,058	23,667	23,000	37,806	24,897	17,759	15,824	20,734

FROZEN SPINACH PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....16,575	1948....41,571	1954....66,901	1960....118,595	1966....142,931	1972....160,050
1943....24,648	1949....62,307	1955....110,347	1961....116,505	1967....153,228	1973....159,501
1944....31,947	1950....52,806	1956....104,511	1962....97,291	1968....153,960	1974....177,892
1945....36,721	1951....97,878	1957....102,130	1963....119,768	1969....107,182	1975....129,399
1946....38,185	1952....91,464	1958....97,472	1964....126,957	1970....145,694	1976....160,247
1947....23,279	1953....87,927	1959....121,904	1965....122,264	1971....156,991	1977....167,766

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
East & South....	10,117	8,827	12,714	13,756	8,598	28,112	26,907	27,153	38,733	42,548
West.....	150,130	158,939	134,675	167,523	160,700	155,534	123,760	116,052	132,516	132,254
BY STYLE										
Leaf.....	84,917	93,953	79,322	97,552	90,228	93,795	68,463	58,763	77,821	74,494
Chopped.....	75,350	73,813	68,067	83,727	79,070	89,851	82,204	84,442	93,428	100,308
SIZE CLASSIFICATION										
Retail.....	94,232	99,797	82,372	102,922	101,528	100,805	84,429	71,763	88,034	93,821
Food Service....	62,327	64,934	60,899	74,039	65,657	79,989	60,230	66,460	71,603	72,144
Bulk.....	3,688	3,035	4,118	4,318	2,113	2,852	6,008	4,982	11,612	8,837
Total Pack.....	160,247	167,766	147,389	181,279	169,298	183,646	150,667	143,205	171,249	174,802

FROZEN SPINACH—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

Mar. 1 - Mar. 1	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Carry-in 3/1	32.4	24.5	30.0	19.1	30.3	33.1	40.7	28.7	25.2	26.9
Pack	160.2	167.8	147.4	181.3	169.3	183.6	150.7	143.2	171.2	174.8
Packer Supply ...	192.7	192.3	177.4	200.4	199.6	216.7	191.3	171.9	196.4	201.7
Shipments 3/1-1/1	137.0	133.8	137.8	141.6	146.4	153.6	138.8	129.6	151.1	149.1
Stocks 1/1	55.7	58.5	39.6	58.8	53.2	63.1	52.5	42.3	45.3	52.6
Shipments 1/1-3/1	51.2	28.5	20.5	28.5	20.1	22.4	23.8	17.1	18.4	21.6
c/o Stocks 3/1....	24.5	30.0	19.1	30.3	33.1	40.7	28.7	25.2	26.9	31.0
Shipments 3/1-3/1	168.2	162.3	158.3	170.0	166.6	176.0	162.6	146.7	169.5	170.7

P - Not available at press time

FROZEN SUMMER SQUASH PACKS IN THE U. S.

(All Types, Including Zucchini)

Compiled by The American Frozen Food Institute

Thousands of Pounds

1961	5,926	1964	6,316	1967	10,467	1970	18,953	1973	28,343
1962	8,022	1965	10,987	1968	12,832	1971	26,882	1974	31,330
1963	8,881	1966	11,990	1969	17,318	1972	28,494	1975	27,906

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
SUMMER SQUASH										
Retail	5,067	4,997	3,403	3,728	2,971	2,197	1,984	2,692	3,523	1,696
Food Service	10,690	11,450	7,208	7,390	9,526	9,506	15,342	12,240	9,768	12,569
Bulk	2,426	2,377	1,892	2,706	3,030	2,508	3,980	5,378	6,989	9,902
Other Uses .....	.....	.....	.....	.....	2,959	984	605	230	6,810	(a)
TOTAL	18,183	18,824	12,503	13,824	18,486	15,194	21,911	21,040	27,090	24,167
ZUCCHINI										
Retail	1,807	3,396	3,041	2,748	2,014	2,035	1,682	2,024	3,741	3,256
Food Service	4,451	6,854	7,361	6,754	8,266	6,727	15,240	16,391	9,740	16,345
Bulk	8,873	8,175	16,676	9,993	2,015	18,968	18,229	17,469	18,281	15,207
Other Uses	2,063	4,359	4,245	4,830	5,966	3,909	8,117	5,814	7,615	8,483
TOTAL	17,194	22,774	31,323	24,325	18,251	31,639	43,268	41,696	39,377	43,291
ALL TYPES										
Retail	6,874	8,383	6,444	6,476	4,985	4,232	3,666	4,716	7,264	4,952
Food Service	15,141	18,304	14,569	14,144	17,792	16,232	30,582	28,631	19,508	28,914
Bulk	11,299	10,552	18,568	12,699	5,045	21,476	22,209	23,347	25,270	25,109
Other Uses	2,063	4,359	4,245	4,830	8,915	4,893	8,722	6,044	14,425	8,483
TOTAL ALL	35,377	41,598	43,826	38,149	36,737	46,833	65,179	62,738	66,467	67,458

(a) Included in bulk.

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FROZEN VEGETABLE MIXES

Compiled by The American Frozen Food Institute

Thousands of Pounds

The following vegetable mixes are reported separately and are not included in total industry vegetable production data which represents first freezing, including the mix components.

	1971...	1973...	1975...	1977...	1979...	1981...	1982...	1983...	1984...	1985...
	185,039	161,124	188,470	193,133	221,279	229,081				
	190,771	209,917	164,575	178,566	237,436	198,624				
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
MIXED VEGETABLES										
Retail	79,302	85,784	83,397	91,632	102,999	93,180	82,633	97,973	96,535	100,123
Food Service	28,435	37,701	36,707	38,131	41,697	60,689	46,759	51,389	45,600	48,262
Bulk	2,430	9,623	1,771	28,397	27,803	10,737	11,773	7,917	20,423	29,966
Total	110,167	133,108	121,875	158,160	172,499	164,606	141,165	157,279	162,558	178,351
PEAS & CARROTS										
Retail	18,646	23,495	23,840	23,628	24,312	23,178	20,274	21,845	22,452	24,580
Food Service†	8,694	6,822	7,954	6,246	6,346	7,001	6,169	6,232	6,122	7,089
Bulk†	96	44	50	2,162	2,550	3,070	3,096	3,161	3,424	3,218
Total	27,436	30,361	31,844	32,036	33,208	33,249	29,539	31,238	31,998	34,887
PEAS & PEARL ONIONS										
Retail	640	1,358	2,116	4,555	4,341	6,236	4,179	5,729	5,651	6,714
Food Service	2,302	2,438	2,935	3,185	3,705	4,024	3,255	2,842	3,826	4,460
Total	2,942	3,796	5,051	7,740	8,046	10,260	7,434	8,571	9,477	11,174
STEW VEGETABLES										
Retail	16,944	16,836	13,331	15,728	15,624	13,295	12,121	12,230	15,921	17,216
Food Service	641	1,422	366	596	1,323	1,071	1,787	2,131	3,956	2,985
Total	17,585	18,258	13,697	16,324	16,947	14,366	13,908	14,361	19,877	20,201
SUCCOTASH										
Retail	4,186	5,242	3,977	4,637	4,341	4,112	4,032	3,700	3,385	4,308
Food Service	2,259	2,368	2,122	2,382	2,395	2,488	2,546	2,337	2,094	2,533
Bulk .....	.....	.....	.....	.....	.....	(a)	(a)	(a)	(a)	(a)
Total	6,445	7,610	6,099	7,019	6,736	6,600	6,578	6,037	5,479	6,841
TOTAL ALL	164,575	193,133	178,566	221,279	237,436	229,081	198,624	217,486	229,389	251,454

† Beginning 1979, 20lb. containers previously included in Food Service are included in bulk. (a) Some containers over 20lb. included with Food Service. Generally Retail includes up to 40 oz. poly; Food Service from 2lb. carton thru 20lb.; Bulk over 20lb.

FROZEN VEGETABLE COMBINATIONS/OR BLENDS

Compiled by The American Frozen Food Institute

Thousands of Pounds

The following combinations are reported separately and are not included in total industry vegetable production data which represents first freezing, including the mix components.

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
CALIFORNIA BLEND (generally includes Broccoli, Cauliflower & Carrots)										
Retail	n.a.	10,409	10,520	15,806	24,161	20,573	36,778	41,046	48,744	63,627
Food Service¹	n.a.	221	526	466	745	4,038	4,421	7,025	5,716	3,740
Bulk¹	n.a.	1,248	1,574	1,240	8,335	4,458	7,402	10,684	16,096	11,023
Total	n.a.	11,878	12,620	17,514	28,241	29,069	48,601	58,755	70,556	78,390
ITALIAN BLEND (generally includes Cauliflower, Zucchini, Italian gr. beans & onions)										
Retail	n.a.	6,564	8,500	15,939	12,364	13,841	11,785	15,176	16,170	22,516
Food Service¹	n.a.	2,112	2,734	906	3,730	4,145	3,546	5,555	5,637	1,100
Bulk¹	n.a.	1,507	2,580	2,339	3,255	2,940	4,758	7,314	8,260	7,873
Total	n.a.	10,183	13,814	19,186	19,349	20,926	20,089	28,145	30,067	31,489
ORIENTAL BLENDS (generally includes Green Beans, Broccoli, Onions & Mushrooms)										
Retail	n.a.	26,504	19,490	27,725	21,583	23,719	37,804	39,987	43,445	41,559
Food Service/Bulk	n.a.	1,220	949	1,023	1,758	1,861	4,382	7,513	7,709	6,473
Total	n.a.	27,724	20,439	28,748	23,341	27,580	42,186	47,500	51,154	48,032
WINTER BLEND (generally includes Broccoli & Cauliflower)										
Retail	n.a.	9,017	5,782	10,319	16,722	9,604	15,656	21,622	22,379	29,614
Food Service/Bulk	n.a.	1,555	1,411	1,613	2,566	3,779	4,469	4,974	6,496	8,350
Total	n.a.	10,572	7,193	11,932	19,288	13,383	20,125	26,596	28,875	37,964
NORTHWEST BLEND (generally includes Corn, Green Beans, sl. Carrots & Peas)										
Total	n.a.	n.a.	n.a.	n.a.	n.a.	2,600	13,248	14,134	15,081	18,002
MISCELLANEOUS BLENDS										
Total	n.a.	102,609	112,497	91,858	110,871	141,991	81,745	76,144	86,793	110,686
TOTAL BLENDS	n.a.	162,466	166,563	169,238	201,090	235,549	225,994	251,274	282,526	324,563

¹20lb. included with Bulk. n.a. Not available.

TOTAL U.S. FROZEN FRUIT AND BERRY PACKS

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942... 194,643	1948... 369,723	1954... 522,990	1960... 659,718	1966... 663,570	1972... 612,062
1943... 187,267	1949... 354,021	1955... 659,787	1961... 704,926	1967... 641,813	1973... 650,164
1944... 323,886	1950... 472,173	1956... 694,327	1962... 668,118	1968... 728,457	1974... 602,104
1945... 427,038	1951... 415,945	1957... 671,374	1963... 619,514	1969... 672,283	1975... 566,825
1946... 519,093	1952... 420,303	1958... 610,387	1964... 795,154	1970... 620,688	1976... 628,513
1947... 343,520	1953... 541,961	1959... 617,576	1965... 653,452	1971... 665,478	1977... 687,409

TOTAL FROZEN FRUIT AND BERRY PACKS BY REGION

	1976	1977	1978	1979	1980	1981	1982r	1983r	1984r	1985
Northeast	47,433	40,555	54,407	59,114	64,046	49,980	50,724	45,695	54,303	52,384
South	6,871	11,501	(a)	(a)	(a)	13,504	12,803	(a)	(a)	(a)
Midwest	112,001	172,856	168,602	134,903	156,100	138,792	63,787	61,252	72,417	82,350
West	462,208	462,497	319,917	380,947	433,256	423,647	477,001	467,322	435,400	407,426
Total	628,513	687,409	542,566	574,864	653,402	625,923	614,315	574,269	562,220	542,160

NORTHEAST: Conn., Maine, Mass., New Jersey, New York, Pennsylvania, and Rhode Island. SOUTH: Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. MIDWEST: Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. WEST: Arizona, California, Colo., Hawaii, Idaho, Mont., Ore., Utah, and Wash. (a) Included in Northeast. (r) Revised.

FROZEN FRUIT AND BERRY PACK BY COMMODITY

Product	1976	1977	1978	1979	1980	1981	1982r	1983r	1984r	1985
Apples	118,759	97,204	68,337	60,827	69,109	105,893	100,378	75,576	77,996	85,481
Apricots	15,908	15,749	11,814	16,941	10,409	13,606	16,766	14,077	16,565	11,770
Cherries, R.S.P. ...	84,113	154,600	126,300	116,300	129,009	85,848				
Cherries, Sweet ...	12,388	13,011	18,362	13,262	10,776	14,209	17,206	17,303	13,282	10,262
Grapes & Pulp ...	1,723	4,892	4,529	2,264	2,178	2,901	8,442	10,006	(a)	4,715
Peaches	65,191	69,323	40,814	62,510	56,274	59,612	56,714	56,454	75,877	70,270
Plums & Prunes ...	4,977	3,594	2,774	5,649	6,195	4,348	5,631	2,646	3,436	4,400
Purees, Non Cit ...	16,171	16,833	16,338	12,251	8,913	13,128	20,268	16,169	15,645	24,655
Blackberries	22,774	23,352	19,579	14,823	20,874	16,997	16,283	14,581	11,130	12,681
Blueberries	26,261	14,750	27,992	31,485	36,426	50,141	46,464	43,528	54,835	54,506
Boysenberries ...	4,094	3,836	3,048	2,732	4,678	3,627	5,101	3,549	3,524	2,561
Currents	1,123	765	854	475	461	330	(a)	(a)	(a)	(a)
Loganberries ...	2,371	3,427	2,089	1,276	1,905	1,552	1,665	2,223	1,018	775
Other berries ...	(a)	(a)	2,886	3,082	3,646	374	(a)	(a)	(a)	(a)
Raspberries, B ...	1,720	1,766	1,453	3,907	2,786	3,368	4,320	11,176	1,333	990
Raspberries, R ...	20,841	23,222	19,742	19,611	18,640	22,811	22,397	18,679	18,326	13,794
Strawberries ...	116,153	220,391	159,834	190,572	253,072	210,558	272,676	292,662	231,414	229,152
Misc. Fru & Ber ...	14,938	20,694	16,021	16,897	18,061	16,620	20,004	5,640	37,839	16,148
Total	628,513	687,409	542,566	574,864	653,402	625,923	614,315	574,269	562,220	542,160

(a) Included with Miscellaneous. r - Revised. * Due to lack of cooperation RSP Cherries have been removed from reports.

FROZEN APPLE PACKS IN THE U.S.

Thousands of Pounds

1942... 15,110	1948... 27,552	1954... 60,094	1960... 69,853	1966... 94,352	1972... 130,377
1943... 27,810	1949... 52,268	1955... 72,756	1961... 80,117	1967... 97,634	1973... 135,086
1944... 52,391	1950... 48,013	1956... 86,956	1962... 65,874	1968... 117,218	1974... 99,180
1945... 92,985	1951... 28,772	1957... 69,225	1963... 75,429	1969... 122,293	1975... 89,704
1946... 78,220	1952... 37,649	1958... 67,407	1964... 86,893	1970... 100,370	1976... 118,759
1947... 28,573	1953... 42,356	1959... 72,313	1965... 93,392	1971... 96,999	1977... 97,204

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
Northeast/South	19,090	8,735	11,188	11,529	13,882	21,191	37,101	21,446	21,351	21,750
Midwest	32,641	31,062	41,380	29,170	29,101	40,202	37,920	30,240	32,051	41,993
West	67,028	57,407	15,769	20,128	26,126	44,500	25,357	23,890	24,594	21,738

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
SIZE CLASSIFICATION										
20 lb. and less ...	43,513	42,959	4,437	5,310	8,545	4,261	6,080	11,118	11,235	14,890
25 to 28 lb.	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
30 lb.	53,353	42,745	44,091	34,240	41,760	87,208	72,255	44,420	43,667	19,765
33 to 60 lb.	11,368	4,763	6,937	4,173	3,352	7,103	4,058	4,750	3,574	3,132
I Q F	10,238	6,737	12,036	14,307	15,452	21,707	17,985	17,039	19,520	27,212
Barrels	287	(d)	836	2,797	(d)	5,614	(d)	1(1,751)	(d)	20,482
Total Pack	118,759	97,204	68,337	60,827	69,109	105,893	100,378	75,576	77,996	85,481

(b) Included in Midwest. (c) Included in 20 lb. and less. (d) Included in IQF. * Deficit attributable to previous year carryover.

FROZEN R.S.P. CHERRY PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942...41,820	1948...87,798	1954...86,695	1960...129,029	1966...87,367	1972...145,408
1943...23,006	1949...70,989	1955...114,465	1961...186,440	1967...97,792	1973...109,368
1944...55,059	1950...104,459	1956...88,734	1962...137,293	1968...141,515	1974...137,976
1945...16,144	1951...99,282	1957...130,571	1963...81,644	1969...140,688	1975...126,073
1946...88,061	1952...61,867	1958...86,195	1964...202,522	1970...121,271	1976...84,113
1947...67,002	1953...115,242	1959...107,447	1965...146,355	1971...159,408	1977...154,600

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BY REGION										
Northeast	15,139	8,999	8,146	12,789	21,470	16,466	10,545			
Midwest	99,850	57,511	134,040	100,948	80,356	98,002	60,416			
West	11,084	17,603	12,414	12,563	14,474	14,541	14,887			

SIZE CLASSIFICATION

15 lb. & less	1,546	595	1,510	(b)	(b)	(b)	(b)			
25 to 30 lb.	112,760	72,732	132,819	113,240	97,982	105,031	65,579			
31 lb. & over*	9,833	10,786	20,271	13,060	18,318	23,978	20,269			
Barrels	1,934	(a)	(a)	(a)	(a)	(a)	(a)			

Total Pack	126,073	84,113	154,600	126,300	116,300	129,009	85,848			
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*Includes I.Q.F. (a) Included in 31 lb. & over. (b) Included in 25 to 30 lb.

Reports discontinued.

FROZEN PEACH PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942...13,801	1948...13,598	1954...36,380	1960...72,928	1966...65,190	1972...46,316
1943...17,009	1949...23,235	1955...50,636	1961...60,774	1967...73,358	1973...81,388
1944...45,563	1950...25,791	1956...45,481	1962...53,570	1968...82,035	1974...59,058
1945...103,634	1951...32,380	1957...44,462	1963...65,607	1969...53,572	1975...40,273
1946...65,140	1952...35,454	1958...43,478	1964...76,250	1970...47,471	1976...65,101
1947...27,034	1953...32,171	1959...47,259	1965...59,453	1971...59,924	1977...69,323

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
West	58,845	64,766	38,191	n.a.	n.a.	n.a.	54,356	n.a.	70,589	n.a.
Other	6,256	4,557	2,623	n.a.	n.a.	n.a.	2,358	n.a.	5,288	n.a.

SIZE CLASSIFICATION

Retail	(a)	4,516	1,528	(a)	(a)	(a)	(a)	(a)	(a)	2,295
Food Service										
10 lb. & less	7,575	5,118	5,294	8,824	7,518	8,542	8,509	9,290	9,693	9,289
30 lb.	4,348	1,784	2,772	5,281	2,168	6,539	5,090	1,254	851	(b)
32 lb.	17,850	23,107	5,254	13,490	12,069	11,184	12,519	14,347	14,522	10,313
Other	35,328	34,798	25,966	34,915	34,519	33,347	30,596	31,563	50,811	48,373

Total Pack	65,101	69,323	40,814	62,510	56,274	59,612	56,714	56,454	75,877	70,270
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(a) Included with 10 lb. & less. (b) Included in 32 lb.

FROZEN BLACKBERRY PACKS IN THE U.S.

(All varieties except Olallie Berries)

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942...8,229	1948...9,745	1954...14,156	1960...26,970	1966...25,812	1972...21,164
1943...8,310	1949...15,186	1955...16,539	1961...22,162	1967...20,722	1973...8,249
1944...16,173	1950...8,973	1956...12,845	1962...22,532	1968...22,381	1974...21,107
1945...21,503	1951...14,574	1957...19,157	1963...20,675	1969...27,184	1975...20,892
1946...19,750	1952...10,628	1958...13,604	1964...23,851	1970...29,186	1976...22,774
1947...14,510	1953...17,966	1959...15,770	1965...23,251	1971...27,536	1977...23,352

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
SIZE CLASSIFICATION										
20 lb. & under....										1,921
28 & 30 lb.	5,909	7,973	4,624	3,140	8,987	6,077	6,056	3,660	1,456	3,383
I.Q.F.	5,365	4,452	4,777	2,261	2,804	6,805	6,438	5,004	4,854	3,309
Other	1,043	1,064	(a)	758	415	2,845	684	2,853	(b)	(b)
Barrels	10,457	9,863	10,178	8,664	8,668	1,270	3,105	3,064	4,820	4,068
Total Pack	22,774	23,352	19,579	14,823	20,874	16,997	16,283	14,581	11,130	12,681

(a) Included in Barrels. (b) Included in I.Q.F.

FROZEN BLUEBERRY PACKS IN THE U. S.

Thousands of Pounds

1942....	1,716	1948....	7,661	1954....	20,971	1960....	25,230	1966....	35,403	1972....	30,932
1943....	2,700	1949....	14,036	1955....	21,020	1961....	21,990	1967....	31,828	1973....	44,376
1944....	4,963	1950....	10,900	1956....	19,639	1962....	26,452	1968....	27,750	1974....	24,393
1945....	7,829	1951....	13,921	1957....	24,446	1963....	25,767	1969....	37,663	1975....	24,572
1946....	10,240	1952....	9,848	1958....	15,982	1964....	30,574	1970....	21,836	1976....	26,261
1947....	5,407	1953....	13,988	1959....	16,393	1965....	27,981	1971....	30,441	1977....	14,750

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
Northeast*	16,315	9,954	19,777	16,671	16,202	21,372	26,427	21,747	30,013	29,133
Midwest	8,685	3,567	6,560	12,854	18,189	25,927	16,172	17,686	r22,471	21,653
West	1,261	1,229	1,655	1,960	2,035	2,842	3,865	4,095	2,351	3,720
SIZE CLASSIFICATION										
10 lb. & less	1,510	1,430	1,167	1,367	877	2,860	3,652	3,422	5,545	6,359
20 lb.	(b)	363	319	1,082	672	766	(a)	(a)	(a)	3,656
30 lb.	17,744	9,283	13,683	17,019	21,994	31,981	34,888	35,237	r46,116	27,795
Other (over 10 lb)	2,870	1,944	2,404	655	1,407	3,339	6,481	573	5,077	.....
I.Q.F.	(b)	2,573	6,453	7,472	9,759	6,231	4,079	4,814	r7,469	16,412
Barrels	4,137	(843)	3,906	3,890	1,717	4,964	(2,366)	(518)	r(9,372)	284
Total Pack	26,261	14,750	27,992	31,485	36,426	50,141	46,444	3,528	r54,835	54,506

(a) Included in "Other".

(b) Included in barrels.

*Includes small southern pack.

r - Revised.

FROZEN RED RASPBERRY PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....	14,206	1948....	23,196	1954....	23,502	1960....	28,041	1966....	31,575	1972....	20,485
1943....	14,608	1949....	25,682	1955....	25,730	1961....	23,127	1967....	27,394	1973....	26,625
1944....	13,117	1950....	20,439	1956....	9,184	1962....	27,631	1968....	23,078	1974....	20,323
1945....	13,255	1951....	19,414	1957....	30,365	1963....	31,441	1969....	27,657	1975....	24,666
1946....	23,906	1952....	18,365	1958....	24,453	1964....	25,335	1970....	25,409	1976....	20,841
1947....	25,401	1953....	24,896	1959....	24,691	1965....	27,631	1971....	24,467	1977....	23,222

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
SIZE CLASSIFICATION										
Retail	4,805	5,165	4,042	4,051	3,149	3,852	4,739	4,504	4,665	6,860
Food Service	248	430	426	845	515	515	274	802	761	2,024
Bulk	15,788	17,627	15,274	14,715	14,976	18,444	17,384	13,373	12,900	4,910
Total Pack	20,841	23,222	19,742	19,611	18,640	22,811	22,397	18,679	18,326	13,794

FROZEN STRAWBERRY PACKS IN THE U.S.

Compiled by the American Frozen Food Institute

Thousands of Pounds

1942....	63,776	1948....	160,077	1954....	221,446	1960....	217,477	1966....	236,492	1972....	146,842
1943....	29,829	1949....	107,600	1955....	272,970	1961....	222,694	1967....	213,340	1973....	168,552
1944....	34,826	1950....	192,732	1956....	312,293	1962....	234,620	1968....	213,275	1974....	170,371
1945....	36,917	1951....	157,729	1957....	259,262	1963....	234,440	1969....	178,693	1975....	183,896
1946....	78,059	1952....	200,302	1958....	261,529	1964....	252,646	1970....	201,572	1976....	216,153
1947....	109,036	1953....	225,963	1959....	248,227	1965....	191,613	1971....	199,399	1977....	220,391

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BY REGION										
South & Midwest*	*6,928	*6,904	6,944	6,698	14,814	7,195	4,225	7,315	3,451	5,983
Northwest	65,803	46,599	42,515	52,141	60,644	59,235	68,875	90,638	r63,210	60,092
California	143,422	166,888	110,375	131,733	177,614	144,128	199,576	194,709	r164,753	163,077
BY STYLE										
Whole	110,294	105,933	74,545	82,994	137,380	96,770	117,277	129,441	109,004	108,145
Sliced	15,859	114,458	85,289	107,578	115,692	113,788	155,399	163,221	122,410	121,007
Total	216,153	220,391	159,834	190,572	253,072	210,558	272,676	292,662	231,414	229,152
SIZE CLASSIFICATION†										
Retail	54,067	71,479	55,423	61,268	66,675	49,126	66,457	55,852	58,988	54,003
Food Service	19,485	22,064	14,330	23,766	23,953	29,644	35,494	51,005	32,760	34,915
Bulk	142,301	126,858	90,081	105,538	162,444	131,788	170,725	185,805	139,666	140,234
Total Pack	216,153	220,391	159,834	190,572	253,072	210,558	272,676	292,662	231,414	229,152

*Includes production in New York thru 1981.

†10 lb. packages are classified Bulk.

r - Revised.

FROZEN CONCENTRATED CITRUS JUICES(a)

Source: Florida Cannery Association and American Frozen Food Institute.

Thousands of Gallons Concentrated (Unreconstituted) Basis

Year	Orange	Grapefruit	Lemon	Grapefruit Orange	Lemonade	Tangerine	Limeade
1948-49	12,196	116	n.a.	112	n.a.	n.a.	n.a.
1949-50	25,137	1,665	91	1,336	1,702	n.a.	n.a.
1950-51	34,938	188	205	245	3,437	n.a.	n.a.
1951-52	47,743	1,098	317	536	5,751	349	n.a.
1952-53	51,264	1,226	574	480	8,628	551	n.a.
1953-54	66,978	1,677	1,316	965	9,845	443	n.a.
1954-55	65,481	1,155	908	561	8,268	877	992
1955-56	69,592	2,542	854	954	10,388	619	1,320
1956-57	72,455	2,949	1,691	597	10,031	793	684
1957-58	64,000	3,330	233*	507	11,850*	141	438
1958-59	79,981	4,952	2,216	690	12,807	1,152	885
1959-60	77,999	1,639	1,150*	284	14,750*	324	845
1960-61	84,374	3,841	93*	256	8,450*	1,407	728
1961-62	115,866	3,163	n.a.	267	n.a.	1,370	822
1962-63	51,648	2,323	n.a.	53	n.a.	205	546
1963-64	53,674	2,573	n.a.	130	n.a.	1,146	1,196
1964-65	88,869	4,000	n.a.	70	n.a.	1,154	656
1965-66	76,695	3,971	n.a.	50	n.a.	715	590
1966-67	131,755	5,485	n.a.	29	n.a.	1,120	503
1967-68	83,697	1,814	n.a.	10	n.a.	582	983
1968-69	103,750	5,920	n.a.	36	n.a.	1,051	852
1969-70	124,947	4,294	n.a.	16	n.a.	785	1,345
1970-71	125,187	6,870	n.a.	18	n.a.	1,090	1,648
1971-72	134,229	8,798	n.a.	22	n.a.	1,220	1,498
1972-73	176,073	8,658	n.a.	3	n.a.	1,072	936
1973-74	171,846	9,026	n.a.	11	n.a.	1,019	1,530
1974-75	178,174	7,847	n.a.	4	n.a.	1,147	1,921
1975-76	186,265	9,316	n.a.	-	n.a.	1,111	1,307
1976-77	158,035	11,258	n.a.	-	n.a.	926	1,272
1977-78	161,203	13,692	n.a.	-	n.a.	1,671	1,853
1978-79	173,053	14,243	n.a.	-	n.a.	1,367	2,624
1979-80	231,257	19,443	n.a.	-	n.a.	2,142	1,851
1980-81	174,537	20,763	n.a.	-	n.a.	1,175	n.a.
1981-82	133,294	21,869	n.a.	-	n.a.	924	n.a.
1982-83	169,577	14,483	n.a.	-	n.a.	334	n.a.
1983-84	121,216	19,291	n.a.	-	n.a.	636	n.a.
1984-85	118,472	24,802	n.a.	-	n.a.	285	n.a.

*Trade estimate only - not verified. n.a.-Not available. NOTE: Prior to 1965-66, production was reported on a 42° Brix basis; on a 45° Brix basis 1966-67 thru 1979-80; on a 43-40° basis in 1980-81; on a 42° Brix in 1981-82. (a) Not included in Fruit & Berry Pack totals.

NON-CITRUS CONCENTRATES AND JUICES(a)

Thousands of Gallons

1958	814	1964	2,843	1970	1,534	1976	2,512	1982	23,778
1959	1,911	1965	749	1971	2,088	1977	3,003	1983	26,022
1960	1,425	1966	735	1972	2,824	1978	6,005	1984	28,884
1961	1,625	1967	603	1973	2,518	1979	5,340	1985	20,826
1962	2,285	1968	431	1974	3,479	1980	6,311		
1963	4,136	1969	1,661	1975	4,389	1981	18,472		

(a) Not included in Fruit & Berry Pack totals.

FROZEN FRUIT AND BERRY—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Pack data from American Frozen Food Institute; stocks, Statistical Reporting Service USDA; imports, Bureau of Census, U.S. Department of Commerce.

MILLION POUNDS

Items and season ¹	Carryin	Pack	Imports	Total supply	Disappear- ance to Mar. 31	Stocks Mar. 31	Total season disappear- ance
Apples							
1979/80.....	37.6	60.8	-	98.4	17.3	81.1	62.4
1980/81.....	36.0	69.1	-	105.1	28.2	76.9	65.1
1981/82.....	40.0	105.9	-	145.9	73.9	72.0	115.3
1982/83.....	30.6	100.4	-	131.0	63.7	67.3	94.1
1983/84.....	36.9	75.6	-	112.5	31.1	81.4	81.3
1984/85.....	31.2	78.0	-	109.2	45.6	63.6	77.2
Apricots							
1979/80.....	5.2	16.9	-	22.1	15.6	6.5	16.7
1980/81.....	5.4	10.4	-	15.8	11.5	4.3	12.9
1981/82.....	2.9	13.6	-	16.5	13.0	3.5	13.0
1982/83.....	3.5	16.8	-	20.3	14.4	5.9	16.7
1983/84.....	3.6	14.1	-	17.7	12.5	5.2	13.9
1984/85.....	3.8	16.7	-	20.5	14.1	6.4	15.8
Cherries							
1979/80.....	25.6	129.6	-	155.2	111.4	43.8	127.0
1980/81.....	28.2	139.8	-	168.0	108.0	60.0	131.4
1981/82.....	36.6	100.0	-	136.6	90.2	46.4	108.1
1982/83.....	28.5	176.4	-	204.9	161.6	43.3	183.1
1983/84.....	21.8	122.8	-	144.6	108.8	35.8	127.0
1984/85.....	17.6	179.9	-	197.5	129.4	68.1	135.5
Peaches							
1979/80.....	19.6	62.5	-	82.1	49.1	33.0	61.8
1980/81.....	20.3	56.3	-	76.6	41.0	35.6	54.7
1981/82.....	21.9	59.6	-	81.5	43.7	37.8	56.6
1982/83.....	24.9	56.7	-	81.6	46.3	35.3	59.3
1983/84.....	22.3	56.5	-	78.8	51.7	27.1	65.1
1984/85.....	13.7	75.9	-	89.6	50.0	39.6	71.0
Strawberries							
1979/80.....	90.8	190.6	89.8	371.2	280.3	90.9	267.9
1980/81.....	103.3	253.1	76.0	432.4	325.1	107.3	327.1
1981/82.....	105.3	210.6	43.5	359.4	289.6	69.8	289.6
1982/83.....	69.8	272.7	35.5	378.0	286.6	91.4	291.1
1983/84.....	86.9	292.6	44.6	424.1	286.5	137.6	290.9
1984/85.....	133.2	231.4	61.4	426.0	306.5	119.5	313.6
Blackberries							
1979/80.....	5.0	14.8	-	19.8	13.9	5.9	13.7
1980/81.....	6.1	20.9	-	27.0	7.7	19.3	11.3
1981/82.....	15.7	17.0	-	32.7	15.5	17.2	20.2
1982/83.....	12.5	16.3	-	28.8	18.3	10.5	20.7
1983/84.....	8.1	14.6	-	22.7	15.6	7.1	18.1
1984/85.....	4.6	11.1	-	15.7	7.3	8.4	10.7
Blueberries							
1979/80.....	17.1	31.5	5.9	54.5	30.1	24.4	38.5
1980/81.....	18.0	36.4	5.7	58.1	40.3	17.8	50.1
1981/82.....	8.0	50.1	4.2	62.3	47.6	14.7	56.4
1982/83.....	5.9	46.5	6.0	58.4	39.1	19.3	49.1
1983/84.....	9.3	43.5	11.2	64.0	21.0	43.0	30.2
1984/85.....	33.8	54.8	11.1	99.7	64.6	35.1	79.6
Raspberries							
1979/80.....	7.7	23.5	-	31.2	21.5	9.7	25.6
1980/81.....	5.8	21.4	-	27.0	17.6	9.4	22.3
1981/82.....	4.7	26.2	-	30.9	22.1	8.8	26.0
1982/83.....	4.9	26.7	1.2	32.8	16.6	16.2	14.0
1983/84.....	18.8	19.9	4.2	42.9	29.3	13.6	32.9
1984/85.....	10.0	19.6	3.3	32.9	13.6	19.3	22.2
Total							
1979/80.....	208.6	530.2	95.7	834.5	539.2	295.3	613.6
1980/81.....	220.9	607.4	81.7	910.0	579.4	325.2	674.9
1981/82.....	235.1	583.0	47.7	865.8	595.6	270.2	685.2
1982/83.....	180.6	712.5	42.6	935.8	646.4	289.2	728.1
1983/84.....	207.7	639.6	60.0	907.3	556.5	350.8	659.4
1984/85.....	247.9	667.4	75.8	991.1	631.1	360.1	725.6

¹Season beginning May 1 for strawberries, June 1 for apricots, October 1 for apples and July 1 for all other items. n.a. - Not available.

1982 CENSUS REPORT—Continued

In current prices, industry 2091 produced \$1.2 billion of products primary to the industry and \$697 million of secondary products and miscellaneous receipts.

Establishments in this industry accounted for 91 percent of products considered primary to the industry no matter where they actually were produced (coverage ratio). In 1977, the coverage ratio was 96 percent. The products primary to industry 2091, no matter in what industry they were produced, aggregate to \$1.3 billion in current prices.

FRESH OR FROZEN PACKAGED FISH, SIC 2092 — This industry comprises establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafood, including soups.

This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.

In the 1982 Census, Industry 2092 recorded employment of 37.5 thousand. The total value of production for establishments classified in this industry was \$4.0 billion.

The employment figure was 9 percent above the 34.3 thousand reported in 1977. The leading States in employment in 1982 were Florida, Massachusetts, Virginia, and Alaska, accounting for approximately 45 percent of the industry's 1982 employment.

In current prices, industry 2092 produced \$3.6 billion of products primary to the industry, \$122 million of secondary products, and had \$296 million of miscellaneous receipts.

GENERAL STATISTICS BY INDUSTRY—1958-1982—(From Table 1a Census Reports)

Census Year	Companies ¹ (number)	Establishments		All Employees		Production Workers			Value added by manufacture ² (million dollars)	Cost of materials, fuels, etc. (million dollars)	Value of industry production ³ (million dollars)	Capital expenditures, new (million dollars)	Gross Value added (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
Industry 2032 Canned Specialties													
1982 ..	171	198	88	23.4	392.4	19.0	37.0	297.6	1,769.3	2,372.0	4,140.8	154.3	n.a.
1977 ...	172	203	88	26.4	296.5	21.5	42.4	224.3	1,142.6	1,687.7	2,829.2	46.7	n.a.
1972 ...	178	203	88	29.1	217.8	24.0	46.9	167.0	814.6	1,062.3	1,876.6	44.1	557.3
1967 ...	150	175	83	27.2	157.3	22.4	45.0	115.1	602.1	760.5	1,361.9	28.1	412.7
1963 ...	154	173	77	25.2	127.2	20.4	40.7	92.3	540.8	627.5	1,169.3	25.6	311.8
1958 ...	n.a.	107	69	24.2	109.5	19.5	41.6	81.4	340.8	507.0	846.9	16.5	n.a.
Industry 2033 Canned Fruits and Vegetables													
1982 ..	514	715	451	70.5	1,040.1	60.7	113.6	822.4	3,552.7	5,768.1	9,283.4	264.1	n.a.
1977 ...	648	900	519	82.6	789.8	72.6	135.0	836.6	2,546.1	4,135.3	6,866.5	147.1	n.a.
1972 ...	765	1,038	621	89.8	559.9	78.8	147.1	447.9	1,625.1	2,414.8	4,043.8	113.1	1,303.3
1967 ...	930	1,223	732	100.0	473.8	88.9	174.0	376.0	1,413.3	2,065.4	3,467.8	101.9	1,053.4
1963 ...	1,135	1,430	836	102.4	382.1	90.7	168.2	303.5	1,029.5	1,707.3	2,742.8	68.6	793.8
1958 ...	n.a.	1,630	923	108.4	340.3	95.8	180.4	269.9	849.9	1,485.6	2,333.9	43.7	n.a.
Industry 2034 Dehydrated Fruits, Vegetables and Soups													
1982 ..	119	151	85	13.6	216.9	11.2	19.1	156.2	790.1	985.0	1,745.1	51.7	n.a.
1977 ...	143	184	87	14.4	153.9	11.7	22.1	111.5	485.9	685.3	1,142.4	52.5	n.a.
1972 ...	133	178	88	12.4	84.3	10.6	19.8	63.0	235.7	351.7	607.3	18.9	208.8
1967 ...	134	178	81	11.1	58.0	9.4	18.1	44.0	167.7	255.2	420.8	14.6	140.9
1963 ...	126	176	80	9.2	41.7	7.8	15.3	31.2	115.8	208.9	318.7	16.2	84.8
1958 ...	n.a.	161	67	7.6	28.3	6.6	12.8	21.8	75.5	188.2	273.3	6.7	n.a.
Industry 2035 Pickles, Sauces, Salad Dressings													
1982 ..	327	376	156	22.0	371.5	17.4	33.3	260.8	1,736.9	2,532.7	4,268.8	67.5	n.a.
1977 ...	380	438	168	23.5	250.2	18.9	35.7	184.9	986.5	2,003.8	2,996.5	52.3	n.a.
1972 ...	429	495	191	20.8	146.2	16.6	32.4	102.2	428.0	738.7	1,166.7	43.4	285.1
1967 ...	479	527	182	19.8	100.5	16.2	31.7	72.0	295.5	526.6	818.9	14.9	196.8
1963 ...	541	588	184	19.0	83.7	15.4	29.9	58.3	249.4	427.6	677.3	11.0	201.8
1958 ...	n.a.	619	205	19.5	70.5	15.6	29.8	48.5	164.6	361.5	525.3	11.2	n.a.
Industry 2037 Frozen Fruits and Vegetables													
1982 ..	195	264	199.9	47.7	643.5	41.5	77.1	506.7	2,408.6	2,970.1	5,374.6	235.7	n.a.
1977 ...	187	260	193	45.8	425.9	41.5	78.5	344.7	1,322.5	1,972.0	3,297.5	87.7	n.a.
1972 ...	136	209	191	42.8	261.2	37.6	74.5	208.8	894.6	1,150.4	1,848.8	57.8	579.8
1967 ...	n.a.	607	362	64.3	293.9	56.2	110.3	221.1	759.3	1,306.5	2,066.3	75.1	650.2
1963 ...	n.a.	650	346	51.8	202.4	44.7	86.7	154.4	550.2	999.5	1,548.7	44.6	409.8
1958 ...	n.a.	426	263	39.5	126.8	34.1	66.3	96.9	323.8	702.9	1,025.9	21.0	n.a.
Industry 2038 Frozen Specialties													
1982 ..	319	389	251	42.4	650.7	32.6	63.1	428.5	2,066.2	2,966.5	5,033.9	160.5	n.a.
1977 ...	330	394	208	41.0	419.8	32.5	68.4	280.9	1,217.7	2,187.5	3,404.4	84.1	n.a.
1972 ...	388	435	211	38.3	264.1	31.8	61.5	190.1	716.3	1,221.3	1,935.5	81.0	516.7
Industry 2091 Canned and Cured Seafoods													
1982 ..	170	204	107	13.9	194.9	12.1	21.1	150.6	613.4	1,235.3	1,849.1	20.5	n.a.
1977 ...	215	255	118	16.0	147.0	13.8	25.0	113.4	441.0	1,000.4	1,440.6	28.1	n.a.
1972 ...	258	310	139	16.0	89.0	14.0	24.0	75.0	231.4	580.6	809.8	15.5	136.0
1967 ...	268	320	161	15.8	89.1	14.0	23.6	54.8	181.0	342.0	523.1	9.4	114.2
1963 ...	345	406	196	17.3	66.2	15.5	25.5	52.6	174.6	277.8	452.5	6.3	95.8
1958 ...	n.a.	411	210	17.1	58.1	15.4	25.1	47.5	130.6	258.1	388.6	3.5	n.a.
Industry 2092 Fresh or Frozen Packaged Fish													
1982 ..	697	783	433	37.5	408.6	32.5	55.3	303.8	966.7	3,040.0	4,009.1	62.2	n.a.
1977 ...	908	980	406	34.3	260.8	29.6	49.7	188.9	700.9	1,962.9	2,664.9	56.8	n.a.
1972 ...	470	518	256	25.0	129.6	21.8	37.7	93.8	287.8	798.1	1,084.4	17.8	162.1
1967 ...	n.a.	497	241	21.4	77.2	19.4	32.8	60.0	164.9	393.8	557.4	8.7	n.a.
1963 ...	528	547	255	20.1	56.5	17.9	32.1	44.6	118.5	272.7	391.2	6.1	53.6
1958 ...	n.a.	446	226	17.6	41.4	15.6	26.2	32.3	89.3	226.9	310.1	3.7	n.a.

¹For the Census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
²Not comparable with earlier years. See text "Description of Industries". n.a.—Not available. ³Reflects value not only of primary activities of the establishments, which determine their industry classification, but also all secondary activities performed in the same establishments. Value of shipments (not production) reflected in figures for Industry 2034.
†Old SIC basis, includes industry 2038 Frozen Specialties.

CENSUS REPORT—SELECTED STATES—1982 & 1977 TABLE 2

1982												1977	
State	Establishments		All Employees		Production Workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of Production (million dollars)	New Capital expenditures (million dollars)	All employees (number 1,000)	Value added by manufacture (million dollars)
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages						
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)						
Industry 2032 Canned Specialties													
U.S....	199	88	23.4	392.4	19.0	37.0	297.6	1,769.3	2,372.0	4,140.8	154.3	26.4	1,142.6
CA....	41	20	3.9	70.2	3.2	5.9	52.6	238.4	359.8	599.2	8.5	3.8	179.4
IL....	13	8	1.1	18.4	.9	1.6	13.5	62.0	86.8	148.7	2.0	2.0	65.1
IN....	7	5	1.7	25.7	1.4	3.1	21.6	101.6	151.0	252.2	2.4	2.3	75.2
NY....	11	5	1.1	15.4	.8	1.5	9.8	84.1	72.1	155.7	2.6	1.7	74.4
NC....	4	4	.8	12.2	.6	1.2	9.0	83.9	80.3	164.2	(D)	C	(D)
PA....	6	3	3.5	64.0	3.0	5.7	51.3	288.5	252.6	540.9	10.0	9.6	148.1
TX....	12	8	2.1	33.1	1.6	3.2	23.4	191.3	295.1	486.4	7.8	2.9	122.3

OTHER STATES - Limited data available, see notes at bottom of page.

AZ 4-2-B	CO ³ 8-2-A	IA 4-3-B	ME 2-1-B	MI 5-2-C	OH 9-3-E	TN 8-2-C
AR 3-2-C	ID 1-1-B	KS 1-1-A	MD 2-1-A	NJ 7-3-E	SC 2-1-B	WI 4-3-A

Industry 2033 Canned Fruits and Vegetables													
U.S....	715	451	70.5	1,040.1	60.7	113.6	822.4	3,552.7	5,768.1	9,283.4	264.1	82.6	2,546.1
AR....	11	7	.6	5.5	.6	1.2	4.8	9.8	37.2	47.7	.7	1.2	27.5
CA....	131	94	21.6	388.9	19.1	35.0	326.8	1,176.2	1,791.6	2,948.0	102.9	25.9	801.2
FL....	40	17	4.5	67.3	3.5	7.4	47.3	264.0	583.1	838.3	20.6	4.7	188.5
HI....	9	4	3.1	33.6	2.3	4.3	27.7	89.3	125.2	214.5	7.2	3.4	87.1
IL....	23	13	1.5	23.1	1.2	2.6	16.7	67.3	133.5	200.6	6.8	1.6	41.3
IN....	19	11	.6	8.3	.5	1.1	6.0	21.0	54.1	75.1	3.9	1.1	27.6
LA....	8	8	.8	8.2	.6	1.0	5.8	26.6	36.0	62.6	.5	1.2	9.8
MA....	9	5	.3	4.7	.3	.5	3.2	11.5	30.5	42.0	.6	.6	24.9
MI....	36	23	2.1	29.6	1.7	3.7	21.5	114.8	208.3	325.1	10.9	2.4	57.4
MN....	19	16	2.3	26.7	2.1	3.7	21.4	94.5	144.9	239.4	7.8	3.1	129.0
NJ....	19	13	1.3	24.5	.9	1.9	16.0	126.1	183.1	310.6	6.9	1.4	55.3
NY....	49	38	4.4	65.2	3.5	7.0	44.0	310.5	455.8	763.6	23.7	4.0	169.6
OH....	33	20	2.8	46.3	2.5	4.4	37.7	169.7	303.8	472.0	5.7	2.7	161.6
OR....	21	13	1.6	21.9	1.5	2.4	18.6	56.8	73.7	130.4	4.9	3.6	63.9
PA....	26	21	3.2	44.2	2.6	5.1	32.5	155.5	311.8	466.1	9.3	4.0	114.7
TN....	9	5	.5	4.5	.4	.6	2.3	21.8	28.0	49.8	1.9	.6	9.0
TX....	22	14	2.1	31.3	1.9	4.3	23.1	104.9	175.5	290.4	7.4	1.5	39.5
VA....	19	10	1.7	17.5	1.6	2.7	14.4	49.3	86.5	134.6	(D)	1.6	28.8
WA....	24	18	2.8	36.0	2.5	4.2	30.3	139.5	214.0	356.5	8.5	3.0	96.7
WI....	65	52	6.0	72.2	5.5	9.6	59.7	238.9	355.4	585.9	14.4	7.4	213.4

OTHER STATES - Limited data available, see notes at bottom of page.

AL 1-1-A	GA 12-7-C	IA 2-1-E	ME 6-4-A	NC 6-4-B
DE 8-4-E	ID 4-4-C	KY 4-2-B	MD ¹ 30-8-C	WV 3-2-B

Industry 2035, Pickles, Sauces and Salad Dressings													
U.S....	376	156	22.0	371.5	17.4	33.3	260.8	1,736.9	2,532.7	4,268.8	67.5	28.5	986.5
CA....	59	24	3.3	68.7	2.7	4.9	42.8	247.8	388.3	615.9	8.6	3.3	190.2
GA....	9	6	1.5	25.8	1.1	2.2	16.2	117.3	192.8	311.0	2.9	1.6	74.5
IL....	20	8	3.1	70.5	2.5	4.7	53.0	381.9	650.2	1,032.1	9.0	5.1	146.6
LA....	8	4	.5	6.2	.3	.7	3.0	32.3	28.6	61.6	.7	.4	19.5
MA....	10	4	.3	4.3	.3	.5	3.0	26.9	34.2	61.0	1.0	.3	16.1
MI....	32	16	1.9	24.9	1.7	3.4	20.3	121.4	107.3	228.1	4.7	2.1	66.4
MN....	5	2	.2	3.1	.1	.3	1.5	5.8	17.1	22.8	.3	A	(D)
NJ....	11	5	.7	14.9	.5	1.0	9.7	68.1	103.9	171.2	7.9	.8	53.6
NC....	5	4	.6	9.3	.4	1.0	5.3	25.7	24.9	50.6	2.0	.9	22.7
OH....	18	4	.4	5.5	.4	.6	4.1	29.4	32.7	62.0	(D)	.6	18.5
OR....	7	5	.3	4.5	.3	.4	3.3	12.4	19.5	32.0	(D)	A	(D)
TN....	12	10	.2	3.2	.2	.4	1.8	10.4	18.2	28.6	.4	.2	6.1
WI....	12	10	1.0	15.6	.8	1.5	9.9	51.5	73.3	124.6	(D)	1.4	36.5

OTHER STATES - Limited data available, see notes at bottom of page.

AL ² 4-3-B	CO 5-3-C	IN 6-4-C	KY 2-2-B	MS 2-2-B	NY ¹ 41-7-C	TX 15-5-E
AR ¹ 3-1-A	DE 2-2-B	KS 4-2-A	MD ¹ 8-6-C	MO 9-3-C	PA 14-4-E	

Industry 2037 Frozen Fruits and Vegetables													
U.S....	264	199	47.7	643.5	41.5	77.1	506.7	2,408.6	2,970.1	5,374.6	235.7	46.8	1,322.5
AR....	3	3	.2	1.9	.2	.3	1.4	4.5	7.0	11.6	.2	n.a.	n.a.
CA....	35	25	8.6	111.9	7.9	13.6	98.3	329.8	328.7	668.3	16.4	10.0	240.1
FL....	34	26	6.4	85.1	5.0	10.6	60.6	576.4	1,085.4	1,661.1	52.3	6.7	373.6
ID....	9	9	5.0	73.4	4.1	7.7	54.8	248.4	243.7	492.1	18.2	6.6	90.7
IL....	6	5	.6	10.0	.5	1.1	7.6	35.7	36.7	72.4	1.6	C	(D)
ME ¹	12	10	2.1	23.1	1.9	3.4	18.8	55.4	72.1	127.0	5.3	1.7	20.4
MD....	17	12	1.3	19.7	1.0	1.8	12.7	75.3	82.3	157.7	14.5	1.7	48.4
MN....	5	5	1.5	18.6	1.4	2.4	13.0	67.2	64.3	131.5	3.0	.9	8.5
NJ....	4	3	.3	4.3	.3	.5	3.3	11.7	20.7	32.4	1.0	C	(D)
NY....	10	8	1.1	14.9	1.0	2.0	12.1	54.1	82.0	136.7	3.9	1.2	41.1
OR....	29	21	7.7	102.7	7.0	11.9	86.1	341.3	323.9	659.4	28.8	6.3	146.3
WA....	37	29	6.2	98.4	5.6	11.2	81.7	341.5	323.4	666.8	23.0	5.7	163.9
WI....	7	5	1.2	17.8	1.1	2.9	14.2	79.8	55.7	134.6	(D)	A	(D)

OTHER STATES - Limited data available, see notes at bottom of page.

GA 4-2-E	IA 2-2-A	ME 2-2-B	OK 2-1-B	TN 2-2-C
IN 2-2-A	MD 3-3-B	ND 2-1-A	PA 3-7-C	TX ¹ 6-4-C

OTHER STATES - (1982 Census data is limited) First figure indicates total establishments in state; second figure establishments with 20 or more employees; letter indicates employment size range - A represents a range of 150-249, B 250-499, C 500-999, E 1,000-2,499, F 2,500 employees or more. (D) Withheld to avoid disclosure. See additional notes at end of this Table 2.

CENSUS REPORT—SELECTED STATES—1982 & 1977 TABLE 2 Continued

1982												1977	
State	Establishments		All Employees		Production Workers			Value added by manufacture	Cost of materials	Value of Production	New Capital expenditures	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	number (1,000)	(million dollars)
Industry 2038, Frozen Specialties													
U.S....	389	251	42.4	650.7	32.6	63.1	428.5	2,066.2	2,966.5	5,033.9	160.5	41.0	1,217.7
AR....	3	3	2.1	28.0	1.9	3.7	23.3	89.3	155.9	224.6	6.2	2.7	66.9
CA....	46	30	8.9	56.4	3.2	6.2	40.8	128.0	292.8	420.8	10.0	4.3	119.5
CT....	8	6	.9	11.4	.7	1.4	7.7	57.2	56.9	114.1	(D)	B	(D)
FL....	15	5	.3	3.9	.3	.6	3.0	9.2	9.6	18.8	.4	.3	5.9
GA....	5	5	.8	14.8	.5	.8	6.5	50.1	35.6	85.7	6.9	.8	28.0
IL....	37	24	2.9	54.0	1.9	3.8	25.7	148.1	157.7	305.9	9.8	3.0	121.1
IN....	8	5	.8	12.2	.6	1.2	7.5	42.5	89.6	82.1	(D)	.5	14.0
MN....	17	10	2.1	32.5	1.6	2.9	21.9	106.7	187.3	244.3	7.2	2.5	101.3
NP....	23	16	1.9	30.0	1.4	2.7	19.1	73.8	100.3	174.3	8.3	1.5	38.7
NY....	40	19	2.3	41.2	1.6	3.2	21.5	216.1	211.0	426.3	25.3	2.4	137.6
OK....	4	3	.7	10.3	.6	1.2	8.2	35.4	38.4	73.8	1.6	.8	22.7
OR....	6	4	.4	9.2	.2	.4	2.7	29.0	24.9	53.9	6.1	.6	16.5
PA....	32	24	2.9	44.8	2.3	4.0	29.3	160.2	177.1	337.2	7.3	F	(D)
TN....	8	7	1.4	22.6	1.0	1.9	13.7	82.0	104.7	186.6	1.7	C	(D)
TX....	17	10	1.3	21.5	.9	1.8	12.2	48.3	67.5	118.0	3.3	.8	14.7
VA....	5	4	1.7	24.6	1.2	2.3	15.1	56.8	86.4	143.2	(D)	E	(D)
WI....	16	8	1.6	27.5	1.1	2.0	14.4	71.6	73.8	145.3	7.3	1.5	37.3

OTHER STATES - Limited data available, see notes at bottom of page.

DE 2-1-A	KS 1-1-E	MD 4-5-C	IA 3-2-C	MS 2-1-B	NE 4-3-C	SC 2-2-E
IA 3-2-C	LA 2-1-B	MA ² 12-5-A	MI 14-9-E	MO 16-13-E	OH 16-12-F	UT 2-2-C

Industry 2034, Dehydrated Fruits, Vegetables and Soups													
U.S....	151	85	13.6	216.9	11.2	19.1	156.2	790.1	985.0	1,745.1	51.7	14.4	485.9
CA....	79	49	7.5	128.2	6.4	11.2	92.7	440.4	663.0	1,069.6	32.6	6.6	252.7
CT....	1	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
ID....	10	9	2.6	35.1	2.2	3.0	26.4	108.7	115.7	228.8	7.5	3.1	68.9
IL....	6	5	.6	11.4	.4	.9	6.4	36.2	31.8	68.1	.8	C	(D)
NJ....	5	3	C	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	C	(D)
WA....	7	6	.5	7.7	.4	.8	5.5	18.5	30.5	49.7	1.9	.7	24.3
WI....	1	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)

Industry 2091, Canned and Cured Seafoods													
U.S....	294	107	13.9	194.9	12.1	21.1	150.6	613.4	1,235.3	1,849.1	20.5	16.0	441.0
AK....	33	21	E	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.0	78.6
CA....	14	9	6.6	106.2	5.6	11.0	80.7	423.7	723.4	1,147.0	8.6	7.1	213.8
DE....	3	3	4	4.3	.3	.6	2.9	19.0	36.8	55.9	1.1	B	(D)
HI....	3	1	E	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)
IL....	3	3	2	2.4	.1	.3	1.7	5.0	12.2	17.3	.4	.3	5.7
LA....	15	9	.5	5.0	.4	.7	3.2	10.3	61.4	72.0	(D)	.5	11.0
ME....	18	14	1.0	9.1	.9	1.3	7.4	31.9	36.9	68.8	1.7	1.2	25.1
NJ....	9	4	.4	4.3	.3	.5	2.9	10.7	18.8	29.5	1.4	.4	11.0
NY....	10	5	.3	5.1	.2	.5	3.8	10.6	40.3	50.8	.4	.5	18.4
NC....	6	4	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
OR....	9	4	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	7.0
VA....	5	3	.2	.9	.2	.2	.7	2.7	4.2	6.8	(D)	n.a.	n.a.
WA....	37	18	1.6	18.0	1.4	1.9	15.3	38.3	94.7	133.0	2.1	1.6	37.4

Industry 2092, Fresh or Frozen Packaged Fish													
U.S....	783	433	37.5	408.6	32.5	55.5	303.8	966.7	3,040.0	4,009.1	62.2	34.3	700.9
AL....	22	14	1.1	9.8	1.0	1.7	6.9	14.7	99.5	114.2	(D)	C	(D)
AK....	66	39	3.5	51.9	3.2	5.4	42.6	132.3	334.2	464.9	12.2	3.0	101.0
CA....	54	33	3.5	36.7	3.1	5.2	28.5	99.1	246.1	345.5	5.6	2.5	60.6
DE....	2	2	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
FL....	75	37	5.2	52.7	4.7	8.7	38.2	144.4	383.5	528.6	8.4	4.6	63.4
GA....	13	7	1.5	13.4	1.3	2.5	8.7	20.0	52.5	72.4	3.3	E	(D)
LA....	48	19	1.2	9.8	1.1	2.0	7.8	19.2	83.2	102.3	1.1	1.5	24.7
ME....	20	7	.7	7.2	.6	.9	5.8	7.1	48.1	55.2	(D)	C	(D)
MD....	41	18	1.5	14.5	1.1	1.9	9.2	26.1	174.3	200.4	1.4	2.2	39.8
MA....	74	48	4.2	61.5	3.5	6.3	43.3	137.1	508.2	642.2	5.5	F	(D)
MI....	8	2	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
MS....	20	14	1.5	15.1	1.3	2.5	10.6	39.7	130.5	170.2	4.6	.7	15.6
NH....	5	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)
NJ....	11	4	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	C	(D)
NY....	16	4	.3	5.0	.3	.5	4.1	12.5	28.1	41.2	.4	.4	10.2
NC....	28	19	.9	7.0	.8	1.3	5.9	15.0	39.8	54.9	(D)	.7	13.0
OH....	7	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)
OR....	23	17	1.1	11.1	1.0	1.5	9.5	21.8	55.3	77.2	.6	1.5	23.2
PA....	12	7	1.2	16.2	.9	1.6	10.7	64.5	173.3	237.9	1.7	C	(D)
RI....	13	7	.4	4.8	.4	.6	3.8	9.1	22.1	31.1	(D)	B	(D)
SC....	10	5	.5	4.1	.4	.6	2.8	9.1	17.2	26.3	(D)	B	(D)
TX....	24	15	1.2	10.8	1.0	1.8	8.3	27.8	128.3	158.6	1.5	1.5	14.5
VA....	86	59	3.7	23.7	3.3	4.7	19.0	42.2	115.6	157.7	2.0	3.3	40.9
WA....	73	42	2.7	32.6	2.4	3.8	25.0	75.9	276.3	355.4	8.1	2.1	81.4
WI....	10	5	.3	2.8	.2	.3	1.7	6.1	14.7	20.8	.1	.2	3.5

OTHER STATES - (1982 Census data is limited) First figure indicates total establishments in state; second figure establishments with 20 or more employees; letter indicates employment size range - A represents a range of 150-249, B 250-499, C 500-999, E 1,000-2,499, F 2,500 employees or more. (D) Withheld to avoid disclosure. ¹Denotes 10-19 percent of data estimated (based on administrative records). ²20-29%. ³30-39%. ⁴40-49%. ⁵50-59%. ⁶60% or more. ⁷Value of shipments.

CENSUS REPORT—Continued

SELECTED OPERATING RATIOS—1958-1977 (From Table 1b Census Reports)

Census Year	Payroll per employee (dollars)	Production workers as percent of total employment (percent)	Annual hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials as % of value of shipments (percent)	Cost of materials & payroll as % of value of shipments (percent)	Value added per employee (dollars)	Payroll as percent of Value added (percent)	Value added per production worker hour (dollars)
Industry 2032, Canned Specialties									
1982	16,769	81	1,947	8.04	57	67	75,611	22	47.82
1977	11,231	81	1,972	5.29	60	70	43,280	26	26.96
1972	7,485	82	1,954	3.56	57	68	27,993	27	17.37
1967	5,783	82	2,009	2.56	56	67	22,136	26	13.38
1963	5,047	80	1,995	2.26	53	64	21,460	23	13.28
1958	4,527	81	2,132	1.96	60	73	14,093	32	8.20
Industry 2033, Canned Fruits and Vegetables									
1982	14,763	86	1,871	7.24	62	73	50,393	29	31.27
1977	9,562	88	1,860	4.72	62	74	30,824	31	18.86
1972	6,235	88	1,867	3.04	60	74	18,097	34	11.05
1967	4,738	89	1,957	2.16	60	73	14,133	34	8.12
1963	3,731	88	1,854	1.80	62	76	10,053	37	6.12
1958	3,139	88	1,882	1.50	64	78	7,839	40	4.71
Industry 2034, Dehydrated Fruits, Vegetables, And Soups									
1982	15,949	82	1,705	8.18	56	69	58,096	27	41.37
1977	10,688	81	1,889	5.05	60	73	33,743	32	21.99
1972	6,798	85	1,868	3.18	58	72	19,008	36	11.90
1967	5,225	85	1,926	2.43	61	74	15,108	35	9.27
1963	4,532	84	1,961	2.03	65	78	12,586	36	7.56
1958	3,729	87	1,925	1.70	69	79	9,939	38	5.91
Industry 2035, Pickles, Sauces, And Salad Dressings									
1982	16,886	79	1,914	7.83	59	68	78,950	21	52.16
1977	10,647	80	1,889	5.18	67	75	41,979	25	27.63
1972	7,029	80	1,952	3.15	63	76	20,577	34	13.21
1967	5,076	82	1,957	2.27	64	77	14,924	34	9.32
1963	4,405	81	1,941	1.94	63	75	13,128	33	8.34
1958	3,615	80	1,907	1.63	69	82	8,442	43	5.53
Industry 2037, Frozen Fruits and Vegetables									
1982	13,491	87	1,858	6.57	55	67	50,495	27	31.24
1977	9,100	89	1,892	4.39	60	73	28,259	32	16.85
1972	6,103	88	1,981	2.80	62	76	16,229	38	9.32
*1967	4,576	87	1,962	2.08	63	77	11,838	39	6.90
*1963	3,911	86	1,939	1.78	65	78	10,632	37	6.35
*1958	3,208	86	1,941	1.46	69	81	8,191	39	4.89
Industry 2038, Frozen Specialties									
1982	15,347	77	1,936	6.79	59	72	48,731	31	32.74
1977	10,289	79	1,951	4.59	64	77	29,700	34	19.21
1972	6,896	83	1,934	3.09	63	77	18,702	37	11.65
Industry 2091, Canned and Cured Seafoods									
1982	14,022	87	1,744	7.14	67	77	44,129	32	29.07
1977	9,188	86	1,812	4.54	69	80	27,563	33	17.64
1972	6,188	88	1,714	3.13	72	84	14,462	43	9.64
1967	4,373	89	1,686	2.32	65	79	11,456	38	7.67
1963	3,826	89	1,645	2.06	61	76	10,092	37	6.84
1958	3,386	90	1,627	1.89	66	81	7,620	44	5.21
Industry 2092, Fresh or Frozen Packaged Fish									
1982	10,896	87	1,708	5.47	76	86	25,779	42	17.42
1977	7,803	86	1,679	3.80	73	83	20,569	37	14.20
1972	5,184	87	1,729	2.49	74	86	11,500	45	7.63
1967	3,607	91	1,691	1.83	71	84	7,706	47	5.03
1963	2,810	89	1,793	1.38	69	84	5,395	47	3.69
1958	2,352	88	1,680	1.24	73	87	4,741	50	3.19

Census Report Summary Statistics for the Industry: 1977-1982 (Table 3a)

Item	Unit of Measure	Canned Specialties 2032		Canned fruits & vega 2033		Frozen fruits & vega 2037		Frozen Specialties 2038	
		1977	1982	1977	1982	1977	1982	1977	1982
Companies ¹	number	172	171	648	514	187	195	330	319
All establishments ²	number	203	198	900	715	260	264	394	389
With 1 to 19 employees	do	115	110	381	264	67	65	186	138
With 20 to 99 employees	do	36	38	278	235	74	76	97	140
With 100 employees or more	do	52	50	241	216	119	123	111	111
All employees, average for year	1,000	26.4	23.4	82.6	70.5	46.8	47.7	41.0	42.4
Annual payroll ³	mil. dol.	296.5	392.4	789.8	1,040.1	425.9	643.5	419.8	650.7
Production workers:									
Average for year	1,000	21.5	19.0	72.6	60.7	41.5	41.5	32.5	32.6
March	do	20.8	18.2	42.9	39.5	40.0	38.5	32.2	32.0
May	do	19.7	17.8	47.9	41.8	41.9	38.1	31.6	31.3
August	do	24.1	21.3	140.9	108.8	42.2	47.9	32.6	33.2
November	do	21.4	18.8	58.5	52.6	42.1	41.5	33.5	34.0
Hours	millions	42.4	37.0	135.0	113.6	78.5	77.1	63.4	63.1
January to March	do	10.2	8.9	20.1	18.1	17.8	17.2	15.7	15.5
April to June	do	9.4	8.1	23.8	19.9	20.7	18.6	15.5	15.2
July to September	do	12.1	10.1	61.7	48.7	20.1	21.7	15.7	15.8
October to December	do	10.7	9.9	29.4	27.0	20.0	19.5	16.5	16.6
Wages	mil. dol.	224.3	237.6	636.6	822.4	344.7	506.7	290.9	428.5
Cost of materials, etc.	do	1,687.7	2,372.0	4,135.3	5,768.1	1,972.0	2,970.1	2,187.5	2,966.5
Materials, parts, containers, etc., consumed	do	1,552.0	2,194.7	3,896.6	5,384.2	1,795.3	2,624.7	1,690.0	2,360.1
Resales	do	85.9	93.6	109.7	142.8	73.8	149.9	449.5	509.6
Fuels consumed	do	34.7	59.1	86.0	157.7	53.7	94.5	14.9	29.5
Purchased electric energy	do	13.3	23.3	38.0	71.7	41.5	93.0	30.9	63.7
Contract work	do	1.9	1.4	4.9	11.7	7.7	8.0	2.2	3.6
Value of production, including resales	do	2,829.2	4,140.8	6,666.5	9,283.4	3,297.5	5,374.6	3,404.4	5,033.9
Value of resales	do	106.2	110.6	136.8	185.6	78.6	209.2	473.1	668.9
Value added by manufacture ⁴	do	1,142.6	1,769.3	2,546.1	3,552.7	1,322.5	2,408.6	1,217.7	2,066.2
Manufacturers' inventories ⁵ :									
Beginning of year, Total (old system)	do	508.4	(608.1)	2,062.1	(2,579.5)	640.3	(1,001.2)	288.9	(420.2)
Beginning of year, Total (new system)	do	...	666.8	...	2,672.4	...	1,053.3	...	427.8
Finished products	do	318.4	432.7	1,709.7	2,023.1	451.9	745.1	132.2	207.7
Work in process	do	7.5	8.3	73.3	204.9	62.4	113.2	6.1	8.7
Materials, supplies, fuel, etc.	do	182.5	225.8	279.1	444.4	126.0	195.0	150.6	211.4
End of year Total (old system)	do	527.8	(564.1)	2,233.5	(2,684.9)	724.4	(1,092.9)	322.2	(439.4)
End of year Total (new system)	do	...	638.4	...	2,780.1	...	1,144.4	...	446.0
Finished products	do	326.2	423.2	1,827.6	2,088.4	536.4	813.0	151.5	225.7
Work in process	do	8.6	8.8	88.2	242.3	59.5	117.7	6.9	7.4
Materials, supplies, fuel, etc.	do	193.0	206.4	317.7	449.4	129.5	213.7	163.8	212.3
Capital expenditures for plant and equip.	do	47.3	160.3	168.2	300.6	96.8	246.0	89.9	170.3
New capital expenditures	do	46.7	154.3	147.1	264.1	87.7	235.7	84.1	160.5
New building and other structures	do	11.2	47.7	39.3	55.1	14.1	41.6	18.9	30.0
New machinery and equipment	do	35.5	106.7	113.8	209.0	78.6	194.2	65.2	130.5
Used capital expenditures	do	0.5	6.0	21.0	36.6	8.2	10.3	5.8	9.9
Primary product specialization ratio ⁶	percent	80	78	90	89	89	93	93	94
Coverage ratio ⁷	do	89	90	89	87	89	93	93	92

¹A business organization consisting of one establishment or more under common ownership or control. ²Establishments with payroll at any time during the year. ³Supplemental labor costs not included. ⁴1982 not strictly comparable with earlier years. ⁵Dehydrated figures represent shipments. ⁶With the 1982 Census, respondents were asked to report inventories at cost or market value. Prior to that, the reporting basis was not uniform. 1982 figures therefore are not comparable to earlier years. The 1982 figures in parentheses are the Bureau's estimate of comparable total figures. There are no estimates for the details. ⁷Represents ratio of primary product shipments to total product shipments (primary and secondary, excluding miscellaneous receipts) for establishments classified in industry. ⁸Represents ratio of primary products shipped by establishments classified in industry to total shipments of such products by all manufacturing establishments, wherever classified. D- Withheld to avoid disclosing figures for individual companies.

FUELS AND ELECTRIC ENERGY CONSUMED BY THE INDUSTRY 1977 AND 1981

		2032		2033		2037		2038	
Energy Source & Unit of Measure		1977	1981	1977	1981	1977	1981	1977	1981
Natural gas	bil. cu. ft.	8.3	9.2	27.1	28.4	(S)	15.2	4.6	4.9
	mil. dol.	16.0	33.5	52.5	111.1	(S)	61.0	7.8	15.8
Distillate fuel oil	1,000 bbl.	207.0	90.0	635.3	242.3	(S)	199.3	137.2	116.8
	mil. dol.	3.3	2.9	10.2	7.7	(S)	6.6	2.3	4.3
Residual fuel oil	1,000 bbl.	776.8	260.9	1,011.6	889.5	(S)	655.9	(D)	94.6
	mil. dol.	11.2	8.2	13.8	24.2	(S)	17.4	(D)	2.5
Coal*	1,000 s. tons	84.1	(D)	(D)	.....	.....	.....	.....	.....
	mil. dol.	3.2	(D)	(D)	.....	.....	.....	.....	.....
Other fuels**	mil. dol.	(D)	5.1	(D)	8.6	(S)	5.8	1.9	(D)
Total purch. fuels	trillion Btu	17.2	16.2	42.9	38.2	27.1	22.5	8.0	7.0
	mil. dol.	34.7	54.6	86.7	151.5	52.7	90.9	14.7	25.5
Elec. energy purch.	mil. kwh.	490.2	459.5	1,306.5	1,385.5	1,852.6	2,229.6	1,151.9	1,136.0
	mil. dol.	13.3	21.3	37.9	69.3	39.3	78.8	30.5	50.0
Total purch. energy	trillion Btu	18.9	17.8	47.4	42.9	33.4	30.2	11.9	10.9
	mil. dol.	48.0	75.9	123.6	220.7	92.0	169.7	45.2	76.4

*In 1981 123 thousand tons (4.8 million dollars) total for 203 group. **Other fuels include coke, purchased steam, liquefied petroleum gases, gasoline, and small amounts of miscellaneous fuels. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet Census publication standards.

Source: "Fuels and Electric Energy Consumed," 1977 Census of Manufacturers, Bureau of the Census, MC77-SR-4 (Part 1) (Revised), and 1982 Census, MC82-S-4 (Part 1).

Census Report Summary Statistics for the Industry (Table 3a)—Continued

Item	Unit of Measure	Dehydrated fruits & vegetables & soups 2034		Pickles, sauces & salad dressings 2035		Canned & cured seafoods 2091		Fresh or frozen packaged fish 2092	
		1977	1982	1977	1982	1977	1982	1977	1982
Companies ¹	number...	143	119	380	327	215	170	908	697
All establishments ²	number...	184	151	436	376	255	204	990	793
With 1 to 19 employees	do.....	27	66	270	220	137	97	584	350
With 20 to 99 employees	do.....	51	46	109	99	84	83	329	343
With 100 employees or more	do.....	36	39	59	57	34	24	77	90
All employees, average for year	1,000.....	14.4	13.6	23.5	22.0	16.0	13.9	34.3	37.5
Annual payroll ³	mil. dol....	153.9	216.9	250.2	371.5	147.0	194.9	260.8	406.6
Production workers:									
Average for year	1,000.....	11.7	11.2	18.9	17.4	13.8	12.1	25.6	32.5
March	do.....	10.9	9.6	16.2	15.6	11.6	10.9	27.3	30.5
May	do.....	10.3	10.2	17.1	16.1	12.3	10.1	29.3	32.2
August	do.....	11.8	11.9	25.1	22.0	17.6	15.8	31.8	35.6
November	do.....	13.8	12.9	17.2	16.0	13.8	11.6	29.8	31.7
Hours	millions...	22.1	19.1	35.7	33.3	25.0	21.1	49.7	55.5
January to March	do.....	5.0	4.2	7.5	7.2	5.1	4.4	10.8	12.3
April to June	do.....	5.0	4.3	8.4	8.1	5.8	4.8	12.5	13.7
July to September	do.....	5.7	5.1	11.6	10.4	8.1	6.5	13.8	15.6
October to December	do.....	6.4	5.5	8.2	7.6	6.0	5.3	12.5	13.6
Wages	mil. dol....	111.5	156.2	184.9	260.8	113.4	150.6	188.9	303.8
Cost of materials, etc.	do.....	685.3	985.0	2,003.8	2,532.7	1,000.4	1,235.3	1,962.9	3,040.0
Materials, parts, containers, etc., consumed	do.....	642.7	900.7	1,796.5	2,264.6	733.9	950.8	1,725.8	2,705.6
Resales	do.....	6.1	D	183.5	224.7	250.4	D	184.0	249.4
Fuels consumed	do.....	24.9	49.3	12.9	21.4	7.9	14.0	9.4	25.6
Purchased electric energy	do.....	10.8	19.8	10.5	20.8	6.0	11.9	19.3	41.8
Contract work	do.....	0.8	D	0.2	1.3	2.2	D	24.4	17.6
Value of production ⁴ , including resales	do.....	1,142.4	1,745.1	2,996.5	4,268.8	1,440.6	1,849.1	2,664.9	4,009.1
Value of resales	do.....	16.2	D	196.5	269.5	254.4	D	190.8	256.3
Value added by manufacture ⁵	do.....	485.9	790.1	986.5	1,736.9	441.0	613.4	700.9	966.7
Manufacturers' inventories ⁶ :									
Beginning of year Total (old system)	do.....	267.0	(402.4)	426.7	(565.7)	256.6	(593.7)	313.3	(542.8)
Beginning of year Total (new system)	do.....	...	517.9	...	595.7	...	598.8	...	547.6
Finished products	do.....	116.4	360.9	231.1	350.3	181.6	327.7	196.7	396.6
Work in process	do.....	46.9	57.1	44.3	41.6	7.6	3.1	24.3	34.6
Materials, supplies, fuel, etc.	do.....	103.6	99.9	151.2	203.8	67.5	68.0	93.3	116.3
End of year Total (old system)	do.....	281.9	(442.0)	447.8	(554.4)	311.1	(490.4)	376.7	(576.7)
End of year Total (new system)	do.....	...	552.3	...	582.5	...	495.6	...	587.3
Finished products	do.....	134.6	359.6	247.0	337.3	224.7	415.8	244.0	418.9
Work in process	do.....	56.7	85.4	38.1	42.5	8.4	2.6	23.1	32.3
Materials, supplies, fuel, etc.	do.....	90.6	107.2	162.7	202.7	78.0	77.2	109.6	136.1
Capital expenditures for plant and equip.	do.....	54.3	56.2	55.8	76.7	33.1	24.7	60.6	65.5
New capital expenditures	do.....	52.5	51.7	52.3	67.5	28.1	20.5	56.8	62.2
New building and other structures	do.....	15.6	7.5	11.7	10.6	8.9	3.6	19.0	20.3
New machinery and equipment	do.....	36.9	44.2	40.6	56.9	19.2	16.8	37.8	41.9
Used capital expenditures	do.....	1.8	4.6	3.5	9.2	4.9	4.3	3.8	7.3
Primary product specialization ratio ⁷	percent....	94	94	69	68	81	D	97	97
Coverage ratio ⁸	do.....	88	93	86	83	96	91	97	97

See notes on previous page.

FUELS AND ELECTRIC ENERGY CONSUMED BY THE INDUSTRY 1977 AND 1981

Energy Source & Unit of Measure	2034		2035		2091		2092	
	1977	1981	1977	1981	1977	1981	1977	1981
Natural gas	bil. cu. ft.	(S)	3.7	3.2	1.1	.9	.5	.6
	mil. dol.	(S)	8.6	12.2	2.0	3.6	1.1	2.9
Distillate fuel oil	1,000 bbl.	(S)	104.6	19.5	83.3	57.4	162.0	183.4
	mil. dol.	(S)	1.7	7	1.7	2.2	3.0	7.4
Residual fuel oil	1,000 bbl.	(D)	175.2	125.2	51.0	103.4	20.1	33.1
	mil. dol.	(D)	2.6	3.7	.8	3.0	.3	.9
Coal*	1,000 s. tons	(D)	...	(D)	...	...	...	...
	mil. dol.	(D)	...	(D)	...	...	...	...
Other fuels**	mil. dol.	(D)	1.8	3.7	3.1	2.6	3.8	8.6
Total purch. fuels	trillion Btu	(D)	6.6	(D)	3.5	3.5	3.7	4.6
	mil. dol.	(D)*	12.9	(D)*	7.5	14.4	8.2	19.9
Elec. energy purch.	mil. kwh.	(D)	365.8	(D)	200.0	218.2	430.0	490.3
	mil. dol.	(D)*	10.5	(D)*	5.8	12.9	12.0	27.0
Total purch. energy	trillion Btu	(D)	7.9	(D)	4.2	4.3	5.2	6.2
	mil. dol.	(D)	23.5	(D)	13.3	27.3	20.2	46.9

See notes on previous page.

CENSUS REPORT — Continued

INDUSTRY STATISTICS BY EMPLOYMENT SIZE OF ESTABLISHMENT (Table 4 1982 Census Report)

Industry and employment size class	E ¹	All employees		Production workers		Value added by manu- facture (million dollars)	Cost of Mater- ials (million dollars)	Value of Pro- duction (million dollars)	New capital expendi- tures (million dollars)	End of year inventories (million dollars)	
		All estab- lish- ments (no.)	Payroll (million dollars)	Number (1,000)	Hours (millions)						
Industry 2032, Canned Specialties											
Total	-	198	23.4	392.4	19.0	37.0	297.6	176.9	323.7	204.1	638.4
Establishments with an average of—											
1 to 4 employees	E9	48	.1	1.0	.1	.1	.9	3.6	5.4	9.0	.1
5 to 9 employees	E9	28	.2	2.1	.2	.3	1.6	7.3	10.7	18.0	.3
10 to 19 employees	E9	34	.4	4.6	.4	.7	3.5	16.8	23.9	40.7	1.0
20 to 49 employees	E2	22	.7	10.9	.5	1.0	7.6	39.6	64.1	103.8	3.5
50 to 99 employees	-	16	1.1	15.0	.8	1.5	10.0	45.7	94.5	140.2	1.7
100 to 249 employees	-	22	3.5	48.1	2.7	5.0	32.9	143.7	328.6	471.3	104.4
250 to 499 employees	-	18	6.6	101.9	5.5	11.2	80.1	529.9	678.9	1,210.1	17.3
500 to 999 employees	-	4	2.6	41.9	2.0	3.7	30.3	197.3	179.6	376.4	4.7
1,000 to 2,499 employees	-	6	8.3	166.8	6.9	13.6	130.7	785.4	986.3	1,771.3	21.3
Covered by administrative records ²	E9	89	.6	5.8	.5	1.0	4.6	19.7	28.7	48.3	8.6
Industry 2033, Canned Fruits And Vegetables											
Total	-	715	70.5	1,040.1	60.7	113.6	822.4	552.7	757.6	19,283.4	264.1
Establishments with an average of—											
1 to 4 employees	E8	129	.2	3.1	.2	.4	3.0	10.4	17.6	28.1	.5
5 to 9 employees	E8	57	.4	4.9	.3	.6	3.7	15.2	32.2	47.5	.7
10 to 19 employees	E6	78	1.1	14.2	1.0	1.8	11.2	41.0	77.5	119.1	1.9
20 to 49 employees	E2	117	3.9	53.4	3.2	6.0	37.0	208.9	370.1	576.6	27.6
50 to 99 employees	E1	118	8.5	110.4	7.4	14.0	84.2	334.3	644.5	975.4	29.3
100 to 249 employees	-	145	22.9	341.2	19.7	38.2	261.6	1,272.8	2,112.2	3,388.9	86.1
250 to 499 employees	-	54	19.2	281.2	17.1	30.0	234.6	996.1	1,500.2	2,467.2	74.1
500 to 999 employees	-	12	7.0	122.1	6.1	11.8	101.4	354.9	484.3	842.1	27.1
1,000 to 2,499 employees	-	5	7.3	109.5	5.7	10.8	85.7	318.9	529.4	838.6	16.7
Covered by administrative records ²	E9	189	1.2	12.7	1.1	1.9	10.5	38.9	67.1	106.0	1.9
Industry 2034, Dehydrated Fruits, Vegetables, And Soups											
Total	-	151	13.6	216.9	11.2	19.1	156.2	790.1	985.0	1,745.1	51.7
Establishments with an average of—											
1 to 4 employees	E7	23	(Z)	7	(Z)	.1	.6	2.6	3.4	7.0	.1
5 to 9 employees	E6	23	.2	2.2	.1	.2	1.5	6.9	8.4	15.3	.4
10 to 19 employees	E6	20	.3	3.6	.2	.4	2.6	11.2	12.2	23.4	.7
20 to 49 employees	E3	32	1.0	12.4	.8	1.3	8.9	34.6	51.4	85.5	1.8
50 to 99 employees	-	14	1.0	13.4	.9	1.4	9.1	52.7	69.7	125.2	2.9
100 to 249 employees	-	27	4.2	66.2	3.5	6.2	48.1	232.8	312.8	524.2	23.3
250 to 499 employees	-	5	2.0	39.2	1.5	3.0	27.7	192.8	130.9	311.7	6.8
500 to 999 employees	-	7	4.9	79.3	4.0	6.4	57.6	255.7	396.2	652.7	15.8
Covered by administrative records ²	E9	46	.3	3.9	.3	.5	2.8	11.6	15.4	27.2	.3
Industry 2035, Pickles, Sauces, And Salad Dressings											
Total	-	376	22.0	371.5	17.4	33.3	260.8	1,736.9	2,532.7	4,268.8	67.5
Establishments with an average of—											
1 to 4 employees	E9	94	.2	2.3	.2	.3	1.9	8.8	14.5	23.7	.3
5 to 9 employees	E9	58	.4	4.8	.3	.6	3.5	18.0	28.7	46.8	.7
10 to 19 employees	E6	68	.9	13.8	.7	1.4	9.7	51.6	84.4	136.0	1.8
20 to 49 employees	E2	53	1.6	21.8	1.3	2.4	14.8	78.3	127.2	205.4	3.7
50 to 99 employees	E1	46	3.3	51.6	2.5	4.9	33.6	192.0	289.6	482.1	10.2
100 to 249 employees	-	38	6.2	95.7	4.6	8.8	59.7	365.3	460.4	825.3	21.4
250 to 499 employees	-	14	9.4	181.4	7.8	15.0	137.6	1,023.0	1,528.0	2,549.5	29.5
500 to 999 employees	-	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 to 2,499 employees	-	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Covered by administrative records ²	E9	153	.7	8.4	.6	1.2	6.4	31.3	51.9	83.2	1.2
Industry 2037, Frozen Fruits And Vegetables											
Total	-	264	47.7	643.5	41.5	77.1	506.7	2,408.6	2,970.1	5,374.6	235.7
Establishments with an average of—											
1 to 4 employees	E9	25	(Z)	.8	(Z)	.1	.7	2.8	4.2	6.7	.2
5 to 9 employees	E8	18	.1	1.5	.1	.2	1.2	4.9	7.4	12.3	.2
10 to 19 employees	E7	22	.3	3.9	.3	.5	2.8	12.1	19.4	31.4	.6
20 to 49 employees	E1	40	1.3	16.6	1.1	1.9	11.3	79.5	133.6	213.2	9.6
50 to 99 employees	-	36	2.6	31.8	2.2	4.2	23.4	141.1	269.5	410.2	15.0
100 to 249 employees	-	66	10.0	144.5	8.5	17.4	110.4	532.2	794.1	1,326.0	44.6
250 to 499 employees	-	31	11.5	154.3	10.2	19.4	124.7	551.8	668.6	1,223.4	64.1
500 to 999 employees	-	22	16.3	222.8	14.7	26.7	183.3	792.9	793.4	1,584.3	82.4
1,000 to 2,499 employees	-	4	5.5	67.4	4.3	6.6	48.9	291.5	280.1	566.9	19.0
Covered by administrative records ²	E9	38	.3	3.0	.2	.4	2.4	9.9	14.1	24.4	.6

See notes on following page.

CENSUS REPORT—Continued

INDUSTRY STATISTICS BY EMPLOYMENT SIZE OF ESTABLISHMENT: 1982 Census Table 4 Continued

Industry and employment size class	E ¹	All employees			Production workers			Value added by manu- facture (million dollars)	Cost of Mater- ials (million dollars)	Value of Pro- duction (million dollars)	New capital expenditures (million dollars)	End of year inventories (million dollars)	
		All estab- lish- ments	Payroll				Wages						
		(no.)	(million dollars)	Number	Hours	(million dollars)	(millions)						
Industry 2038, Frozen Specialties													
Total	-	389	42.4	650.7	32.6	63.1	428.52	066.22	966.55	033.9	160.5	446.0	
Establishments with an average of—													
1 to 4 employees	E9	59	.1	1.1	.1	.2	1.0	3.2	5.2	8.4	.1	.8	
5 to 9 employees	E8	33	.2	2.5	.2	.4	1.8	6.2	9.5	15.8	.3	1.4	
10 to 19 employees	E7	46	.7	7.3	.6	1.1	5.1	18.4	28.5	47.0	1.0	4.1	
20 to 49 employees	E3	88	2.8	35.5	2.2	4.2	23.5	101.4	147.1	248.7	4.7	18.7	
50 to 99 employees	E2	52	3.7	54.0	3.0	5.8	35.8	163.3	226.1	389.4	10.8	29.1	
100 to 249 employees	-	67	10.5	154.7	8.1	14.9	102.6	429.1	565.8	995.4	31.8	91.1	
250 to 499 employees	-	24	9.0	143.5	6.6	12.5	87.4	440.6	588.4	1,031.1	33.5	94.7	
500 to 999 employees	-	16	10.2	160.6	8.2	16.2	109.1	639.0	1,032.4	1,670.1	55.9	127.5	
1,000 to 2,499 employees	-	4	5.2	91.4	3.7	7.9	62.1	264.8	363.3	628.1	22.4	78.6	
Covered by administrative records ²	E9	118	1.0	9.2	.9	1.7	6.6	24.4	39.5	63.9	1.2	5.7	
Industry 2091, Canned And Cured Seafoods													
Total	-	204	13.9	194.9	12.1	21.1	150.6	613.41	235.31	849.1	20.5	495.6	
Establishments with an average of—													
1 to 4 employees	E6	60	.1	1.2	.1	.2	1.1	3.2	13.3	16.5	.2	6.6	
5 to 9 employees	E4	14	.1	1.7	.1	.2	1.4	4.4	15.8	20.2	.2	3.9	
10 to 19 employees	-	23	.3	4.5	.3	.5	3.2	14.1	36.5	50.6	.8	12.2	
20 to 49 employees	-	49	1.6	23.7	1.3	2.2	18.0	41.9	156.8	199.2	2.8	57.9	
50 to 99 employees	E1	34	2.5	30.8	2.2	3.5	23.6	77.8	161.4	239.2	4.5	56.1	
100 to 249 employees	E1	17	4.0	44.2	3.7	5.6	38.0	67.7	237.9	305.7	5.0	74.1	
250 to 499 employees	-	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
500 to 999 employees	-	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
1,000 to 2,499 employees	-	2	5.3	88.7	4.4	8.7	65.4	404.2	613.7	1,017.9	6.9	284.8	
2,500 employees or more	-	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
Covered by administrative records ²	E9	54	.2	2.0	.2	.4	1.7	5.0	18.1	23.1	.3	5.0	
Industry 2092, Fresh Or Frozen Packaged Fish													
Total	E1	783	37.5	408.6	32.5	55.5	303.8	966.73	040.04	009.1	62.2	587.3	
Establishments with an average of—													
1 to 4 employees	E4	131	.3	3.5	.2	.5	2.8	11.2	26.8	37.8	.4	8.1	
5 to 9 employees	E1	109	.7	8.6	.6	1.1	6.8	24.8	72.1	96.8	.7	13.4	
10 to 19 employees	E1	110	1.6	17.4	1.4	2.3	13.6	40.4	133.7	174.0	1.8	27.6	
20 to 49 employees	-	221	7.2	69.6	6.1	9.6	51.3	145.3	534.1	684.9	8.2	92.0	
50 to 99 employees	E1	122	8.3	92.5	7.3	12.0	71.1	227.8	616.1	844.3	13.1	102.8	
100 to 249 employees	E2	67	10.1	114.7	8.7	15.3	84.9	270.0	842.2	1,109.0	20.5	197.5	
250 to 499 employees	-	18	5.7	61.9	5.0	9.3	45.3	171.5	543.7	715.2	13.3	89.2	
500 to 999 employees	E1	4	3.7	40.2	3.2	5.6	27.9	75.8	271.4	347.1	4.0	56.8	
1,000 to 2,499 employees	-	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
Covered by administrative records ²	E9	124	.4	3.9	.4	.7	3.3	9.1	25.7	34.8	.3	4.9	

- Represents zero. (D) Withheld to avoid disclosing operations of individual companies. Data for this item are included in underscored figures above. (Z) Less than 50 thousand dollars or hours; under 50 employees. ¹ Payroll and sales data for small single-unit companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate the balance of items shown for these small establishments. This technique was also used for a smaller number of other establishments whose reports were not received at time data was tabulated. The following symbols are shown where estimated data based on administrative records data account for 10 percent or more of figures shown: E1—10 to 19 percent; E2—20 to 29 percent; E3—30 to 39 percent; E4—40 to 49 percent; E5—50 to 59 percent; E6—60 to 69 percent; E7—70 to 79 percent; E8—80 to 89 percent; E9—90 to 99 percent; E0—100 percent. ² Report forms were not mailed to small single-unit companies with up to 20 employees (cutoff varied by industry). Payroll and sales data for 1982 were obtained from administrative records supplied by other agencies of the Federal Government. These data were then used in conjunction with industry averages to estimate the balance of items shown. Data are also included in respective size classes shown. ³ Value of shipments.

1982 CENSUS REPORT—Continued

INDUSTRY PRODUCT ANALYSIS (Table 5B 1982 Census Report)

Value of Production for an Industry and Primary Product Production

Specialization and Coverage Ratios:

(An establishment is assigned to an industry based on the production values of products representing largest amount considered primary to an industry. Frequently, establishment production comprises mixtures of products assigned to an industry (primary), those considered primary to other industries (secondary), and receipts for activities such as merchandising or contract work. Columns A-D show this product pattern for an industry, and column E shows primary product specialization ratio. The extent to which an industry's primary products are produced by establishments classified in and out of an industry is shown in columns F-H and coverage ratio is shown in column I.)

Industry and census year		Value of production				Value of primary product production				Coverage ratio Col. B
		Total	Primary	Second-	Miscel-	special-	Total	Made	Made in	
		(million	products	ary	aneous	ization	made in	in this	other	
		dollar ²)	(million	products	receipts	ratio	all	industry	industries	Col. F
			(dollars)	(million	(million	Col. B	(million	(million	(million	Col. F
				dollars)	dollars)	(percent)	dollars)	dollars)	dollars)	(per-
		A	B	C	D	E	F	G	H	I
2032 Canned specialties	1982	4,140.8	3,149.8	867.4	123.7	78	3,484.6	3,149.8	334.8	90
	1977	2,829.2	2,173.7	548.8	106.7	80	2,429.0	2,173.7	255.3	89
	1972	1,876.6	1,475.2	354.4	47.0	81	1,629.9	1,475.2	154.7	91
	1967	1,361.9	1,078.1	233.8	50.0	82	1,190.7	1,078.1	112.6	91
2033 Canned fruits and vegetables	1982	9,283.4	8,010.3	1,036.2	236.9	89	9,255.3	8,010.3	1,245.1	87
	1977	6,666.5	5,886.3	623.3	156.9	90	6,621.4	5,886.3	735.1	89
	1972	4,043.8	3,495.7	424.1	124.0	89	3,922.9	3,495.7	427.2	94
	1967	3,467.8	2,987.4	346.3	134.1	90	3,222.3	2,987.4	234.9	93
2034 Dehydrated fruits, vegetables, and soups	1982	1,745.1	1,623.7	195.1	126.2	94	1,749.2	1,623.3	125.5	93
	1977	1,142.4	1,056.8	165.0	120.6	94	1,200.2	1,056.8	143.4	88
	1972	1,607.3	1,553.9	131.0	122.4	95	1,625.6	1,553.9	171.7	88
	1967	1,420.8	1,389.3	125.3	16.2	94	1,450.9	1,389.3	161.6	86
2035 Pickles, sauces, and salad dressings	1982	4,268.8	2,708.9	1,284.4	275.5	68	3,252.7	2,708.9	543.7	83
	1977	2,996.5	1,921.7	875.2	199.6	69	2,242.8	1,921.7	321.1	86
	1972	1,166.7	906.9	227.0	32.8	80	1,165.1	906.9	258.2	78
	1967	818.9	634.2	153.6	31.1	81	792.9	634.2	158.7	80
2037 Frozen fruits and vegetables	1982	5,374.6	4,705.3	339.2	330.0	93	5,062.0	4,705.3	356.7	93
	1977	3,297.5	2,723.7	342.5	231.3	89	3,047.2	2,723.7	323.5	89
	1972	1,848.8	1,502.2	245.4	101.2	86	1,648.7	1,502.2	146.1	91
	1967	2,066.6	1,817.6	162.6	86.4	92	2,020.7	1,817.6	203.1	90
2038 Frozen specialties	1982	5,033.9	4,074.7	274.2	685.1	94	4,417.2	4,074.7	342.5	92
	1977	3,404.4	2,719.7	201.7	483.1	93	2,911.9	2,719.7	192.2	93
	1972	1,935.5	1,602.8	103.3	229.4	94	1,742.6	1,602.8	139.8	92
2091 Canned and cured seafoods	1982	1,849.1	1,152.2	D	D	D	1,267.1	1,152.2	114.9	91
	1977	1,440.6	948.2	236.3	256.1	81	1,025.5	948.2	77.3	96
	1972	809.8	544.7	82.1	183.0	87	587.7	544.7	43.0	93
	1967	523.1	401.9	33.4	87.8	92	421.1	401.9	19.2	95
2092 Fresh or frozen packaged fish	1982	4,009.1	3,589.9	122.4	296.8	97	3,714.0	3,589.9	124.1	97
	1977	2,664.9	2,382.3	77.3	205.3	97	2,459.2	2,382.3	76.9	97
	1972	1,061.6	940.4	34.2	87.0	96	1,016.8	940.4	76.4	92
	1967	557.4	500.3	14.1	43.0	97	529.7	500.3	29.4	94

¹For industry 2034, figures related to value of shipments rather than value of production. 1982 not directly comparable with earlier years. See text "Description of Industries".

²Includes frozen specialties. D - Withheld to avoid disclosure.

³Data for 1977 and

PRODUCTION VALUE BY PRODUCT CLASS AND INDUSTRY: 1982 (From Table 5C 1982 Census Reports)

Millions of dollars. Table shows where products of an industry (referred to as primary) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Only those product groups that have at least \$2 million in shipments from establishments classified in one of the industries included in this chapter are shown. Read across to determine where products are made by establishments classified in this chapter are produced. To extent that some of primary products are made in industries not included in this chapter, value of such production is shown in "Other industries" column.

1982 prod- uct code	Product group, product class, & misc. receipts	All indus- tries	Canned spec, 2032	Canned fr. & veg, 2033	Dehy- drated fr. & veg, 2034 ¹	Pickles, etc., 2035	Frozen fr. & veg, 2037	Frozen spec, 2038	Canned & cured seafood, 2091	Fresh or frozen fish, 2092	Other indus- tries
	Total	(X)	4,140.8	9,283.4	1,745.1	4,268.8	5,374.6	5,033.9	1,849.1	4,009.1	(X)
	Primary products	(X)	3,149.8	8,010.3	1,623.7	2,708.9	4,705.3	4,074.7	1,152.2	3,589.9	(X)
	Secondary products	(X)	867.4	1,036.2	96.1	1,284.4	339.2	274.2	(D)	122.4	(X)
	Miscellaneous receipts	(X)	123.7	236.9	26.2	275.5	330.0	685.1	(D)	296.8	(X)
2032	Canned specialties	3,484.6	3,149.8	202.0	-	32.9	-	20.7	-	-	79.2
20321	Canned baby foods, except cereal and biscuits	596.4	(D)	(D)	-	(D)	-	-	-	-	(D)
20323	Canned dry beans	735.3	659.6	(D)	-	-	-	-	-	-	(D)
20324	Canned soups, except frozen or seafood	2,035.0	(D)	(D)	-	(D)	-	(D)	-	(D)	(D)
20325	Canned specialties and canned nationality foods	117.8	(D)	(D)	-	(D)	-	(D)	-	(D)	(D)
20326	Canned specialties, n.s.k.	-	-	-	-	-	-	-	-	-	-
2033	Canned fruits and vegetables	9,255.3	3,211.3	8,010.3	(D)	(D)	206.1	(D)	(D)	(D)	578.8
20331	Canned fruits, except baby foods	1,590.5	(D)	1,496.3	-	8.2	9.5	(D)	(D)	(D)	(D)
20332	Canned vegetables, except hominy and mushrooms	2,047.2	77.9	1,882.8	-	(D)	62.4	(D)	(D)	(D)	(D)
20333	Canned hominy and mushrooms	139.0	10.4	(D)	-	(D)	(D)	-	-	-	(D)
20335	Canned vegetable juices	270.3	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)
20336	Canned vegetable pastes, etc.	2,174.4	(D)	1,905.0	-	74.0	(D)	(D)	-	110.1	(D)
20338	Jams, jellies, and preserves	603.0	(D)	532.6	-	26.3	(D)	(D)	-	56.3	(D)
2033A	Canned fruit juices, nectars, and concentrates	1,409.9	(D)	1,230.4	(D)	(D)	(D)	(D)	-	(D)	(D)
2033B	Fresh fruit juices and nectars, single strength	652.2	(D)	346.6	-	(D)	(D)	-	-	-	(D)
20338	Canned fruits and vegetables, n.s.k.	368.7	-	367.2	-	(D)	-	-	-	-	(D)
2034	Dehydrated fruits, vegetables, and soups ¹	1,749.2	-	(D)	1,623.7	(D)	(D)	(D)	-	73.2	(D)
20341	Dried and dehydrated fruits and vegetables ¹	1,324.5	-	3.3	1,249.8	4	9.6	(D)	-	59.6	(D)
20342	Soup mixes, dried ¹	332.8	-	(D)	282.4	(D)	-	-	-	13.3	(D)
20340	Dehydrated fruits, vegetables, and soups, n.s.k. ¹	91.9	-	-	91.6	-	-	-	-	3	(D)
2035	Pickles, sauces, and salad dressings	3,252.7	136.3	91.6	-	7,208.9	(D)	-	-	(D)	(D)
20352	Pickles and other pickled products	694.5	(D)	(D)	-	655.9	(D)	-	-	(D)	(D)
20353	Prepared sauces	540.0	(D)	33.9	-	331.8	-	-	-	(D)	(D)
20354	Mayonnaises, salad dressings, and sandwich spreads	1,815.4	(D)	45.6	-	1,502.2	-	-	-	(D)	(D)
20350	Pickles, sauces, and salad dressing, n.s.k.	202.7	(D)	(D)	-	199.1	-	-	-	(D)	(D)
2037	Frozen fruits and vegetables	5,062.0	(D)	235.3	(D)	(D)	4,705.3	(D)	-	(D)	(D)
20371	Frozen fruits, juices, ades, drinks, and cocktails	1,860.4	(D)	181.3	(D)	(D)	2,941.3	(D)	-	23.5	(D)
20372	Frozen vegetables	3,089.7	(D)	54.0	-	-	(D)	(D)	-	(D)	(D)
20370	Frozen fruits and vegetables, n.s.k.	111.9	-	-	-	-	(D)	-	-	(D)	(D)
2038	Frozen specialties	4,417.2	(D)	(D)	-	(D)	24.3	4,074.7	-	280.2	(D)
20381	Frozen pies and other frozen baked goods	1,292.5	(D)	(D)	-	-	-	1,143.1	-	149.4	(D)
20382	Frozen dinners, meat pies, and nationality foods	2,356.6	(D)	(D)	-	(D)	(D)	2,230.9	-	83.9	(D)
20383	Other frozen specialties	624.3	-	-	-	(D)	(D)	582.9	-	20.9	(D)
20380	Frozen specialties, n.s.k.	143.8	-	-	-	-	-	117.8	-	26.0	(D)
20910	Canned and cured seafood, including soup	1,267.1	(D)	-	-	-	-	-	1,152.2	(D)	(D)
2092	Fresh or frozen packaged fish	3,714.0	(D)	-	-	-	(D)	42.8	(D)	3,589.9	(D)
20922	Prepared fresh fish and seafood	578.3	-	-	-	-	-	-	(D)	(D)	(D)
20923	Frozen fish, excluding shellfish	1,033.9	-	-	-	-	-	-	(D)	976.3	(D)
20924	Frozen shellfish	1,397.5	-	-	-	-	-	-	36.6	1,332.2	(D)
20920	Fresh or frozen packaged fish, n.s.k.	704.3	-	-	-	-	-	-	-	(D)	(D)

¹Value of shipments. (D) Withheld to avoid disclosure.

- Represents zero.

*Other industries producing a substantial dollar volume of products primary to these eight industries include:

Figures in million dollars - Ind. 2013 (sausages & prep. meats) 27.5 frozen spec.; Ind. 2026 (fluid milk) 275.5 canned fr. & veg.; Ind. 2086 (bottled & canned soft drinks) 121.4 canned fr. & veg.; Ind. 2079 (shortening & cooking oil) 146.3 Pickles etc.; Ind. 2011 (meat packing plants) 25.9 Frozen spec.; Ind. 2013 (sausages, etc.) 23.3 Frozen spec.; Ind. 2051 (Bread, cake, etc.) 132.5 Frozen spec.

CENSUS REPORT—Continued

VALUE OF PRODUCTION OF SPECIFIED PRODUCTS BY ALL PRODUCERS*

(Source: Census Table 6c—millions of dollars)

Code	Product Class	1958	1963	1966 ¹	1967	1972	1977	1981 ¹	1982
2032	Canned specialties	827.6	946.6	1,165.9	1,190.7	1,629.9	2,429.0	3,169.9	3,484.6
20321	Canned baby foods								
	(except cereal, biscuits, & meat)	185.2	230.8	237.5	246.3	346.7	401.3	556.2	596.4
20323	Canned dry beans	166.9	290.3	255.9	246.1	305.8	556.5	684.4	735.3
20322	Canned soups (not frozen or seafood):								
20324	Canned specialties and								
20320	Nationality foods n.s.k.	475.5	515.5	672.5	698.3	977.4	1,471.2	1,929.3	2,152.8
2033	Canned fruits and veg.	2,191.5	2,583.8	3,022.1	3,222.3	3,922.9	6,621.4	9,064.9	9,255.3
20331	Canned fruits (except baby foods)	639.7	721.7	823.8	818.3	828.6	1,289.3	1,759.3	1,590.6
20332	Canned veg. (except								
	hominy and mushrooms)	638.6	767.6	882.8	957.5	1,067.1	1,650.9	1,967.2	2,047.2
20333	Canned hominy and mushrooms	34.8	39.0	43.5	51.6	98.2	149.8	163.4	139.0
20334	Canned fruit juices,								
	nectars, and concentrates	294.2	380.5	443.6	413.5	709.2	1,223.4	2,198.7	2,062.1
20335	Canned veg. juices	93.7	91.1	94.8	104.2	155.7	251.8	293.8	270.3
20336	Catsup and other tomato sauces	245.6	297.9	449.8	507.7	603.3	1,350.0	1,849.4	2,174.4
20338	Jams, jellies, and preserves	197.8	227.3	250.9	245.2	280.3	396.9	609.4	603.0
20330	Canned fruits and veg., n.s.k.	47.4	58.5	(32.8)	124.3	180.5	309.2	223.7	368.7
2034	Dehydrated fruits, vegetables								
	and soup mixes ²	276.8	334.9	434.6	450.9	625.6	1,200.2	1,722.9	1,749.2
20341	Dried & dehydr. fruits and veg.,								
	(incl. freeze dry) except soup ³	(NA)	284.5	365.6	344.9	466.2	898.6	1,397.8	1,324.5
20342	Soup mixes, dried & dehydr. ³	(NA)	44.5	64.1	76.4	126.7	224.7	259.9	332.8
20340	Dehydrated food products, n.s.k. ³	(NA)	5.9	(4.9)	29.6	32.7	76.9	65.2	91.9
2035	Pickles, sauces, & salad dr.	196.1	619.0	767.7	792.9	1,165.1	2,242.8	3,277.6	3,252.7
20352	Pickles and other pickled products	170.1	228.1	261.0	260.6	362.5	553.2	745.1	694.5
20353	Meat sauces (except tomato)	67.6	94.4	111.4	98.5	151.3	261.6	430.6	540.0
20354	Mayonnaise, salad dressings								
	and sandwich spreads	240.5	278.6	386.9	373.9	576.0	1,292.3	1,930.5	1,815.4
20350	Pickles, sauces, and								
	salad dressings, n.s.k.	17.9	(18.0)	(8.3)	59.9	75.3	135.7	171.4	202.7
2037	Frozen Fruits & vegetables	589.2	832.3	986.2	999.4	1,648.7	3,047.2	4,491.7	5,062.0
20371	Frozen fruits, juices & ades	358.0	436.3	421.4	419.5	733.6	1,153.5	1,707.3	1,860.4
20372	Frozen vegetables	231.2	396.0	564.8	579.9	915.1	1,797.9	2,647.2	3,089.7
20370	Frozen fruits & veg., n.s.k.	5	5	5	5	5	95.8	137.2	111.9
2038	Frozen Specialties	327.4	628.6	856.1	1,021.3	1,742.6	2,911.9	4,106.8	4,417.2
20381	Frozen pies & other frozen baked goods								
20382	Frozen dinners, beef, pork								
	Nationality foods, etc.	318.8	608.1	837.5	889.4	702.0	1,297.7	1,907.3	2,356.6
20383	Other frozen specialties								
20380	Frozen specialties, n.s.k.	8.6	20.5	(18.6)	131.9	160.6	125.7	181.9	143.8
2091	Canned and cured seafood,								
	incl. soup (except frozen)	367.0	384.4	470.3	421.1	587.7	1,025.5	1,420.3	1,267.1
	Canned seafood	(NA)	331.3	(NA)	386.7	560.2	954.1	n.a.	n.a.
	Cured seafood	(NA)	53.2	(NA)	34.4	27.5	71.5	n.a.	n.a.
2092	Fresh or frozen packaged fish (seafood) ...	274.1	362.8	445.1	529.7	1,016.8	2,459.2	3,293.0	3,714.0
	Prepared fresh fish & seafood	(NA)	76.6	(NA)	86.6	135.2	460.5	807.0	578.3
	Frozen fish, excl. shellfish	(NA)	(NA)	(NA)	(NA)	314.7	744.4	997.1	1,033.9
	Frozen shellfish	(NA)	(NA)	(NA)	463.1	415.8	887.6	1,145.1	1,397.5
	Fresh or frozen packaged fish, n.s.k.	(NA)	(NA)	(NA)	(NA)	151.1	366.8	343.8	704.3
20118	Canned meats except animal or baby food								
20138	(20% or more meat) ³	(NA)	(NA)	(NA)	(NA)	1,106.2	1,256.3	1,597.1	1,548.6

*Represents value of specific products packed not only by plants classified in the specific industry but by plants classified in other industries as well. (NA) Not available.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufacturers. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Value of shipments. ³Includes meat. ⁴Data for product class 20370, Frozen Fruits and Vegetables, n.s.k., are included with product class 20380, Frozen Specialties, n.s.k. As a result, total for industry 2037 is understated by approximately 5 percent. ⁵Includes small amount of cured n.s.k. ⁶Not directly comparable with earlier years. See text "Description of Industries". ⁷Includes small amount of Fresh n.s.k.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section IX

INTERNATIONAL TRADE AND WORLD PACKS

CANNED, FROZEN AND PRESERVED FOODS

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U.S. EXPORTS CANNED AND FROZEN FOODS

Source: Bureau of the Census, U.S. Department of Commerce

Courtesy & Cooperation. National Food Processors Assn. and Foreign Agriculture Service, U.S.D.A.

	1982		1983		1984		1985	
	1,000 Gallons	Value \$1,000	1,000 Gallons	Value \$1,000	1,000 Gallons	Value \$1,000	1,000 Gallons	Value \$1,000
FRUIT JUICES								
Not Concentrated:								
Grapefruit	3,196	6,693	2,710	5,237	1,713	3,872	1,568	3,447
Orange	7,783	15,601	6,358	13,536	5,126	11,724	6,342	12,009
Other Citrus & citrus Mix. . .	2,689	3,850	1,785	2,941	1,647	2,671	3,589	5,115
Grape	3,399	3,823	3,159	2,960	2,050	1,925	1,454	1,881
Pineapple	3,210	6,381	3,078	5,250	2,629	6,194	2,141	5,819
Other	7,647	14,169	7,227	14,009	5,386	11,949	5,038	11,319
Total Not Concentrated ...	27,924	50,517	24,317	43,933	18,551	38,335	20,132	39,590
Frozen Concentrate:								
Grapefruit	12,961	16,807	10,296	13,045	12,325	18,148	10,386	18,470
Orange, containers								
less than 32 oz	28,062	58,170	26,754	53,464	23,518	56,246	18,977	38,460
Orange, cont. 32 oz-1 gal	8,220	13,271	7,951	12,986	7,203	13,228	6,719	12,810
Orange, containers								
more than 1 gal	25,423	30,640	36,829	40,160	31,802	41,370	19,448	28,893
Other citrus	13,733	14,726	15,220	14,553	13,838	13,902	10,286	10,036
Grape	3,185	5,837	3,686	7,032	2,255	3,457	1,252	2,030
Other	4,884	6,805	5,480	7,713	4,811	7,378	4,824	7,425
Total Frozen Concentrate ..	96,468	146,256	106,206	148,953	95,752	153,729	71,892	118,124
Concentrate, not frozen (hot pack):								
Grapefruit	1,565	2,402	1,364	2,126	1,491	2,899	1,534	2,614
Orange	6,697	9,537	5,585	8,116	4,556	6,616	3,427	5,559
Other citrus & citrus mix. . .	2,066	2,923	1,908	2,250	1,976	1,930	2,907	3,653
Grape	3,523	6,132	2,495	3,802	3,868	5,666	3,925	6,661
Pineapple	963	784	992	1,001	714	653	710	915
Other	14,061	11,812	12,126	9,374	12,259	9,976	14,235	11,874
Total Concentrate, not frozen	28,875	33,590	24,470	26,669	24,864	27,740	26,738	31,276
VEGETABLE JUICES								
Tomato	3,116	5,554	1,973	4,279	1,490	3,479	1,274	2,598
Other vegetable juices	982	2,030	1,213	2,096	1,066	1,988	651	1,395
CANNED VEGETABLES								
Asparagus	2,695	2,272	2,366	1,623	2,133	2,235	1,562	1,641
Beans, dry	7,035	2,106	8,195	2,649	7,096	2,441	6,553	2,110
Beans, other	25,122	9,869	15,634	6,834	15,914	6,915	15,238	6,700
Corn	137,173	52,053	145,566	52,513	126,156	47,119	134,592	48,150
Peas	6,288	2,015	5,201	1,468	4,232	1,464	3,176	1,148
Mushrooms	257	233	295	230	634	453	556	424
Tomatoes	19,978	5,332	13,991	4,218	11,951	3,346	15,939	2,999
Tomato pulp	1,301	478	864	323	757	276	1,400	489
Tomato paste	22,556	11,412	23,964	11,175	21,203	9,099	15,691	5,872
Tomato sauce	6,315	2,432	6,701	2,551	5,895	2,156	4,723	1,623
Catsup & chili sauce	27,573	10,757	23,449	9,835	20,372	8,473	18,083	6,584
Other canned vgs.	42,989	19,880	29,852	13,411	25,131	12,049	22,499	10,939
Vegetable baby food	7,672	3,118	6,213	2,683	5,137	1,199	3,868	1,787
Total Canned Veg.	306,954	121,957	282,291	109,513	246,611	98,325	243,880	88,466
PICKLED VEGETABLES								
Cucumbers	9,052	2,499	8,829	2,526	11,073	2,909	12,632	3,197
Other pickled vgs.	4,617	2,555	2,433	1,211	1,808	816	1,646	852
FROZEN VEGETABLES								
Carrots	12,085	3,087	6,691	1,726	8,259	2,298	5,529	1,527
Corn	73,493	24,254	82,349	25,871	77,380	23,013	75,975	22,118
Peas	19,886	5,487	19,729	5,137	20,148	5,563	15,986	4,498
Potatoes, French fries	95,302	32,948	106,051	37,006	123,134	40,323	127,697	41,392
Potatoes, other	14,417	4,969	15,302	4,788	17,300	6,742	18,131	5,936
Other frozen vgs.	45,305	20,550	44,204	18,470	41,813	17,909	37,034	16,844
Total Frozen Veg.	260,488	91,295	274,266	92,998	288,034	95,848	280,352	92,315
CANNED MEATS								
Poultry	7,619	3,982	2,278	1,894	1,147	1,936	1,259	1,721
Sausages	2,248	2,381	2,804	2,859	1,953	2,108	1,628	1,678
Pork (except sausage)	2,841	3,541	1,532	2,098	1,130	1,406	1,407	1,835
Beef and veal	6,676	5,156	3,491	3,175	4,269	3,130	2,499	2,387
Other canned meats	2,128	2,765	1,164	1,492	1,704	1,965	804	984
Total Canned Meats	21,512	17,825	11,269	11,518	10,203	10,545	7,597	8,605

U.S. EXPORTS CANNED AND FROZEN FOODS—Continued

	1982		1983		1984		1985	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
SOUPS								
Soup, dried or dehydrated	4,685	4,561	2,331	3,302	2,412	3,419	3,545	4,132
Soup, other	27,379	11,918	25,053	11,366	24,305	12,013	21,644	10,908
CANNED FRUITS								
Apricots	2,454	1,207	1,692	717	876	528	860	685
Cherries, maraschino	4,175	3,013	3,520	2,693	3,971	2,968	3,577	2,714
Cherries, sweet	3,631	2,306	3,923	2,388	3,433	2,437	3,756	2,370
Cherries, tart	4,242	1,837	1,560	670	779	568	1,110	609
Berries	3,604	1,784	3,930	1,930	3,018	1,638	1,987	1,052
Grapefruit	2,261	865	2,130	707	4,036	990	684	298
Other citrus & citrus mix.	5,395	2,821	5,586	3,463	5,358	3,416	4,247	2,643
Olives, canned	3,583	2,658	2,671	2,048	2,229	1,605	2,546	1,766
Olives, other	915	707	1,180	702	1,046	713	1,007	635
Peaches	81,993	27,682	57,810	20,234	29,372	12,150	22,226	8,907
Pears	5,621	2,215	4,172	1,748	2,509	1,059	1,769	922
Pineapple	26,834	9,242	26,558	10,219	28,095	12,512	16,161	6,225
Other canned fruits	11,511	6,155	16,374	9,451	13,979	6,904	11,111	4,499
Mixtures, non-citrus	87,875	37,279	68,322	29,246	47,679	21,276	36,808	16,734
Total Canned Fruits	244,095	99,771	199,428	86,216	146,380	68,704	107,849	50,059
Baby food fruits	13,703	6,793	12,973	6,633	13,111	6,450	13,887	6,323
Other fruit pastes & pulps ..	20,024	7,919	15,405	5,483	13,311	5,521	15,161	6,060
Jams, marmalade, and fruit butter	8,021	5,733	6,348	4,979	5,138	3,851	4,770	3,711
FROZEN FRUITS								
Blueberries	20,110	6,973	5,841	2,294	8,983	3,422	5,071	1,786
Strawberries	7,127	4,778	5,886	3,480	6,239	3,371	6,632	3,222
Other frozen berries	10,384	4,731	8,002	3,536	6,532	3,043	5,707	2,377
Cherries, sweet	5,184	2,953	5,150	2,629	2,924	1,662	1,326	714
Cherries, tart	1,867	644	346	199	469	232	414	132
Other frozen fruits	8,982	3,507	3,527	1,554	5,357	2,500	6,360	2,761
Total Frozen Fruits	53,653	23,586	28,752	13,692	30,504	14,230	25,510	10,992
FROZEN FISH FILLETS								
Salmon	1,771	3,167	976	1,528	2,808	5,572	1,880	1,722
Herring	11,380	6,668	4,702	3,666	614	537	956	2,037
Other	37,387	37,982	21,264	25,674	20,430	26,672	17,492	24,598
Sticks & portions	4,180	5,130	3,386	4,301	2,914	3,812	2,085	2,643
Balls, cakes, etc.	207	340	976	1,095	438	466	227	298
CANNED FISH								
Salmon, chum (dog)	6,314	7,366	5,004	6,067	2,797	3,477	2,551	3,115
Salmon, pink (humpie)	20,804	28,048	22,145	31,532	20,825	29,683	19,831	27,463
Salmon, sockeye (red)	10,241	23,887	21,962	50,315	23,238	50,050	24,105	49,386
Salmon, other	3,797	6,582	5,377	9,080	2,103	3,581	1,753	3,095
Sardines	1,049	871	1,013	690	889	584	529	424
Other	11,146	10,080	9,102	7,467	6,777	7,262	3,623	4,400
Fish balls, cakes, puddings, pastes, and sauces	1,202	1,058	384	495	514	810	2,248	1,698
Total Canned Fish	54,553	77,892	64,987	105,646	57,143	95,447	54,640	89,581
CANNED SHELLFISH								
King crab	201	677	65	253	84	288	141	651
Shrimp	3,002	8,559	3,749	10,520	2,712	8,040	1,564	4,261
Squid	10,223	4,085	683	379	460	150	1,838	817
Other, inc. shellfish juices ...	1,103	2,513	1,133	2,699	611	2,186	347	1,163
Total Canned Shellfish	14,529	15,834	5,630	13,851	3,867	10,664	3,890	6,892
FROZEN SHELLFISH¹								
King Crab	5,119	26,802	1,165	8,424	2,012	11,340	2,619	10,858
Snow crab	22,169	63,343	16,157	37,843	14,614	28,561	21,968	36,785
Shrimp (frozen)	10,048	34,568	13,747	53,641	10,870	36,618	13,003	42,374
Squid	20,170	13,252	8,866	7,847	4,716	4,494	7,003	4,746
Other	13,277	42,262	14,573	43,013	17,697	45,324	13,313	38,621
Total these Prod.	70,783	180,227	54,508	150,768	49,909	133,251	57,906	133,384
CANNED MILK								
Evaporated	18,418	8,204	8,829	2,526	7,254	3,697	9,756	5,048
Condensed	369	165	2,433	1,211	479	243	442	192

CONVERTING POUNDS TO APPROXIMATE CASES: FRUITS & VEGETABLES: To 24/303's divide by 24; to 24/2's divide by 30; to 24/2½'s divide by 45. To convert 1,000 gallons to cases of 12/46 qt. divide by 4.3125.
¹Fresh & Frozen beginning 1984.

U.S. IMPORTS OF CANNED & FROZEN FOODS

National Marine Fisheries Service, U.S. Department of Commerce
USDA's Foreign Agricultural Service and National Food Processors Assn. Div. of Int. Trade

	1982		1983		1984		1985	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
FRUITS, Prep. or pres.								
Apples, Canned	2,348	671	2,529	609	8,510	1,673	5,939	2,010
Apricots, Canned	1,423	492	7,961	2,035	12,727	3,360	10,166	2,454
Blueberries, Frozen	4,402	3,514	9,097	6,979	10,692	6,130	10,216	5,876
Boysenberries, Frozen	2,544	582	2,048	465	1,142	407	3,009	1,606
Raspberries, Frozen	1,634	953	1,103	572	4,788	2,440	4,392	2,517
Strawbs., Frozen-Up to 40 oz.	633	269	1,579	596	1,828	6,180	2,326	6,869
Strawbs., Frozen-Over 40 oz.	34,224	17,239	40,956	16,235	49,106	16,399	57,364	1,570
Blueberries, Canned	193	177	212	191	313	217	357	276
Black Currants, Canned	512	628	634	696	730	804	714	714
Raspberries, Canned	72	68	187	213	289	254	765	579
Strawberries, Canned	596	445	790	523	1,120	668	4,149	1,815
Cherries, In Brine	989	675	1,318	829	236	1,391	549	2,208
Cherries, Other	427	416	522	513	2,158	741	3,389	942
Figs, Canned	102	72	150	110	452	312	289	148
Grapefruit	n.a.	n.a.	n.a.	n.a.	14,557	4,439	19,401	6,545
Oranges, Mandarin	65,292	28,834	79,992	33,902	97,083	39,654	98,992	36,690
Other Citrus, prep. or pres.	6,240	2,232	8,339	2,770	9,833	3,823	8,792	3,529
Guavas	1,483	683	1,371	537	1,336	511	1,138	383
Mangoes	739	429	2,360	1,532	2,897	1,800	2,725	1,655
Olives, Ripe	4,232	2,663	2,451	1,556	3,078	1,903	3,236	1,651
Papayas	3,209	1,290	3,855	1,880	3,898	1,806	4,021	1,674
Peaches, Canned	747	136	8,023	2,243	72,409	20,300	69,357	18,132
Pears, Canned	60	40	140	55	5,531	1,609	40,367	12,071
Pineapple, Canned	427,804	118,911	404,913	114,676	418,102	120,827	526,635	148,960
Plums, Canned	670	958	923	1,121	882	1,141	963	1,219
Fruit Mix, Tropical	9,348	3,138	1,262	487	9,317	3,017	12,187	4,655
Fruit Mix, Other	10,856	3,200	14,108	3,238	30,089	9,511	49,840	16,618
JUICES (1,000 gallons)*								
Apple and Pear	103,758	92,334	149,295	112,056	167,878	122,276	214,457	136,949
Grape	1,799	2,333	2,713	2,179	7,064	688	7,815	792
Lime	1,054	1,446	322	286	806	570	548	578
Orange Conc.	396,072	320,169	364,769	293,501	n.a.	595,527	n.a.	n.a.
Citrus, other	12,804	15,297	9,214	10,864	n.a.	n.a.	n.a.	n.a.
Pineapple	37,953	26,443	32,616	21,360	37,725	8,575	56,617	10,289
Other fruit	4,652	10,451	6,175	14,222	n.a.	n.a.	n.a.	n.a.
Vegetable	183	390	164	316	507	1,443	832	2,129
VEGETABLES, Prep. or pres.								
Artichokes, Brined	4,567	3,375	5,435	3,119	9,967	5,869	9,989	5,248
Artichokes, Other	21,880	10,742	23,250	12,103	30,056	15,095	28,680	13,215
Asparagus	4,600	3,672	2,944	2,561	6,587	6,452	5,251	4,749
Beans	1,246	723	2,260	1,122	5,106	1,876	16,405	4,326
Carrots, Canned	7,718	1,840	8,947	1,797	9,938	2,012	12,267	2,479
Chickpeas	897	396	1,373	490	2,176	554	1,411	469
Corn, Canned	5,204	2,060	8,587	3,616	10,117	4,083	11,307	4,378
Cucumbers, Brined	9,511	1,631	9,032	1,912	9,683	2,603	13,196	3,266
Mushrooms, Canned-Up to 9 oz.	15,678	18,935	35,518	41,220	50,248	59,931	29,123	58,991
Mushrooms, Canned-Over 9 oz.	31,874	24,625	72,808	57,851	112,740	100,707	96,194	75,539
Onions, Brined	2,968	1,420	3,109	1,340	3,699	1,389	4,017	1,313
Onions, Pickled	5,787	3,401	6,373	3,730	8,430	5,412	10,016	6,553
Peas	10,489	4,271	16,047	6,858	30,845	10,386	25,435	7,809
Pimientos	12,801	7,915	12,879	5,318	n.a.	n.a.	n.a.	n.a.
Potatoes, Frozen	22,164	4,399	26,557	5,249	49,734	10,363	69,082	13,444
Potatoes, Dehydrated	44	26	135	68	364	173	2,826	1,537
Potatoes, Canned	1,344	324	1,138	291	1,823	389	1,153	309
Sauerkraut	978	249	984	237	1,466	371	1,673	352
Tomato Paste	198,029	74,575	160,742	52,666	151,047	45,729	111,402	28,298
Tomato Sauce	21,824	5,399	23,626	5,617	28,001	7,143	33,585	8,447
Tomatoes, Canned	167,018	32,905	186,709	40,026	233,571	49,919	220,032	41,566
Other Frozen Veggies	738	302	1,499	302	1,881	741	1,905	709
Other Canned Veggies	20,540	12,054	22,594	11,859	28,960	13,754	35,045	15,585
SOUPS, Soup preparations...	13,318	23,878	15,937	26,215	17,392	25,730	n.a.	n.a.
JAMS & JELLIES								
Orange Marmalade	1,856	1,377	2,277	1,697	2,449	n.a.	2,441	n.a.
Currant & Berry Jellies	410	419	1,560	1,345	n.a.	n.a.	n.a.	n.a.
Jellies, jams, mar., other	4,182	2,684	4,270	2,764	n.a.	n.a.	n.a.	n.a.

See footnotes on following page.

U.S. IMPORTS OF CANNED & FROZEN FOODS—Continued

	1982		1983		1984		1985	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
CANNED FISH								
Anchovies in oil.....	4,247	10,958	3,757	8,112	4,876	10,946	5,011	11,304
Anchovies not in oil.....	1,846	1,529	1,300	931	587	586	391	487
Herring in oil.....	92	114	251	308	256	295	294	291
Herring not in oil.....	5,402	8,289	5,572	9,092	4,244	6,386	5,582	8,275
Mackerel not in oil.....	6,466	3,333	7,269	2,797	9,231	3,575	10,921	4,177
Salmon in oil.....	6	37	14	35	22	56	92	148
Salmon not in oil.....	152	557	264	1,459	529	2,433	1,866	5,842
Sardines in oil.....	14,119	19,139	17,151	21,245	17,535	23,403	23,009	26,996
Sardines not in oil.....	35,925	22,170	18,096	12,455	27,216	18,402	34,213	21,990
Tuna in oil, albacore.....	213	493	197	418	277	494	303	560
Tuna in brine, albacore.....	11,050	20,191	14,880	21,550	11,512	16,345	10,682	15,620
Tuna in brine, other.....	76,316	92,662	107,252	115,356	150,524	150,429	202,963	192,958
Bonito and yellowtail, oil.....	317	292	140	179	151	142	89	68
Bonito and yellowtail, not in oil.....	133	147	37	69	10	53	30	57
Antipastos in oil.....	786	759	609	582	937	871	699	420
Fish cakes, balls, puddings.....	7,414	11,347	12,400	18,161	17,406	23,953	19,321	24,396
Fish paste and sauce.....	9,292	4,131	10,170	4,031	9,766	4,167	12,506	4,714
Pollock.....	30	49	192	485	2,224	3,373	14,224	18,368
Sturgeon & other roes.....	1,138	5,048	1,193	6,405	1,800	7,482	1,591	8,634
Other fish in oil.....	1,106	1,959	2,246	2,320	1,648	1,823	1,424	1,917
Other fish not in oil.....	1,414	2,745	1,791	3,620	1,956	3,537	1,984	4,358
Total Canned Fish.....	177,464	205,949	204,781	229,610	262,707	278,751	347,195	351,580
CANNED SHELLFISH								
Abalone ¹	2,176	14,686	2,889	12,792	2,611	10,791	2,816	14,722
Clam chowder, juice, etc.....	45	12	3	5	15	19	26	24
Clams, other.....	7,846	8,591	7,391	8,296	7,791	8,625	9,765	8,732
Clams, razor.....	41	55	77	77	49	52	33	48
Crab meat, snow (incl. paste).....	627	2,299	672	3,073	998	4,002	1,314	3,805
Crab meat, other (incl. paste).....	5,110	14,030	5,833	17,566	5,235	15,995	6,270	18,142
Lobster, American ²	3,336	25,838	1,073	8,007	384	2,005	869	6,017
Lobster, spiny.....	50	227	131	628	18	96	56	364
Shrimp.....	5,332	10,551	13,176	25,499	13,580	26,409	17,088	32,163
Oysters and juice.....	22,427	26,459	21,599	24,827	23,047	26,198	28,928	30,176
Total Canned Shellfish.....	46,990	102,748	52,844	100,770	53,728	94,192	67,165	114,193
FRESH OR FROZEN FISH								
Freshwater fish.....	24,759	21,493	24,352	21,706	24,177	25,328	21,616	22,192
Tuna.....	558,542	360,719	505,180	245,007	493,795	281,380	478,781	266,335
Other Saltwater fish.....	158,760	104,029	175,683	121,366	216,305	167,557	282,368	233,638
Blocks.....	318,966	273,935	384,458	338,554	316,165	262,901	334,060	275,064
Fillets & steaks.....	440,916	544,046	439,716	557,515	473,594	606,551	536,725	713,861
Sticks & similar products.....	1,660	1,706	1,824	2,061	2,355	2,838	925	1,247
Total fish (mil. \$ & lbs.)....	1,504	1,306	1,531	1,286	1,526	1,347	1,654	1,512
OTHER SEAFOOD (fresh or frozen)								
Scallops.....	20,860	73,012	34,280	158,665	27,270	117,296	42,035	147,070
Shrimp.....	268,537	969,682	328,253	1,198,023	328,916	1,189,941	342,818	1,121,749
Surimi.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	33,654	48,160
CANNED MEATS								
Beef sausages.....	8	18	2	3	61	43	32	55
Cornd beef								
not more than 2 lbs.....	55,490	59,933	79,375	80,940	76,289	73,088	78,354	69,289
more than 2 lbs.....	13,410	13,760	17,741	16,828	16,994	14,805	19,731	16,291
Beef, other								
not more than 2 lbs.....	3,641	4,102	10,367	12,274	8,199	8,349	12,494	12,575
more than 2 lbs.....	10,668	12,389	22,739	25,531	26,021	27,342	31,095	37,031
Pork hams & shoulders								
less than 3 lbs.....	9,172	14,767	12,138	17,797	13,381	16,631	17,998	22,694
3 lbs. and more.....	196,939	326,600	247,007	363,024	283,110	371,334	319,937	409,609
Bacon.....	417	477	2,012	2,136	3,045	3,093	2,702	3,210
Other canned pork.....	6,945	7,362	216	188	14,448	12,125	13,867	11,442

*For concentrate juices, gallons are single strength equivalent. ¹Black currants, gooseberries, lingon or partridge berries and loganberries. ²Mixtures not containing apricots, citrus, peaches or pears. ³Green, wax, lima, dry. *May include fresh or dried and canned paste and sauce. ³Includes some fresh.

LEADING U.S. EXPORT MARKETS AND PRODUCTS

U.S. EXPORTS TO SPECIFIED COUNTRIES

SOURCE: United States Department of Agriculture, Foreign Agricultural Service, Horticultural and Tropical Products Division.

CANNED FRUITS

Basis 1,000 cases 24 no. 2½ cans (45 lbs.) Figures rounded - Calendar year

Country of Destination	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
APRICOTS, CANNED										
Canada	20	12	10	27	9	13	13	9	3	1
European Community	5	11	56	5	5	7	3	1	4	2
Other Western Europe	6	8	12	13	3	4	2	1	2	1
Asia	13	14	18	17	16	17	16	13	9	9
Oceania	12	6	13	5	3	2	1	....	1	2
Other	4	1	....	....	14	16	20	14	1	4
Total	60	52	109	67	51	59	55	38	19	19
CHERRIES, CANNED¹										
Canada	22	66	62	59	27	27	26	44	11	12
Mexico	14	3	2	2	2	1	2	....	1	....
European Community	154	223	215	90	296	49	68	21	1	5
Japan	12	20	29	50	48	49	41	33	34	29
Asia	9	11	23	24	16	14	13	16	41	56
Caribbean	1	1	6	10	4	3	4	4	....	....
Other	9	6	18	22	18	18	21	4	5	5
Total	221	330	355	257	411	161	175	122	94	108
MIXED FRUIT, CANNED										
Canada	898	947	904	931	770	879	657	447	397	246
Latin America	51	73	105	90	130	73	79	57	68	70
Germany, Federal Rep.	65	70	58	120	351	264	132	84	1	....
Netherlands	51	52	88	111	112	98	83	44	9	7
Other European Commty.	73	137	81	59	71	84	49	20	11	6
Other Western European	350	344	329	377	396	278	231	92	74	38
Asia	256	421	492	503	712	532	591	637	394	354
Caribbean	25	26	36	57	63	87	75	77	44	71
Other	21	25	28	35	37	156	56	60	61	26
Total	1,790	2,095	2,121	2,283	2,642	2,451	1,953	1,518	1,060	818
PEACHES, CANNED										
Canada	1001	1121	1089	1031	945	788	663	408	294	155
Latin America	33	52	70	132	121	82	114	45	32	42
Germany, Federal Rep.	341	369	1060	211	423	356	169	158	(a)	0
Netherlands	88	72	76	153	112	29	11	10	3	4
Other European Commty.	127	83	321	93	63	53	33	6	5	5
Other Western Europe	239	201	366	243	226	179	116	42	27	43
Japan	369	600	999	523	633	486	501	410	149	130
Asia	82	128	174	205	201	146	189	183	123	97
Other	31	29	25	31	94	² 480	26	23	14	18
Total	2311	2655	4180	2622	2818	2599	1822	1285	653	494
PEARS, CANNED										
Canada	82	58	65	43	24	33	22	21	6	1
Europe	24	39	83	23	30	31	29	10	6	12
Asia	29	35	29	39	33	38	39	46	20	13
Latin America	8	10	12	23	15	17	10	6	4	5
Other	18	30	13	23	22	22	25	10	20	8
Total	161	172	202	151	124	141	125	93	56	39
PINEAPPLES, CANNED										
Canada	235	341	271	251	248	319	391	381	380	196
Germany, Federal Rep.	174	174	146	70	37	32	52	38	65	16
Other European Commty.	207	162	130	75	62	60	67	53	86	45
Other Western Europe	103	44	63	57	12	10	27	51	19	24
Asia	14	15	41	48	39	60	27	42	44	40
Caribbean	11	11	11	21	18	21	17	11	13	6
Other	19	18	27	42	34	21	15	13	14	32
Total	763	765	689	564	450	523	596	590	624	359

¹ Both sweet and sour. Excludes Maraschino Cherries. 500 cases.

² Includes 459,151 cases to Mexico. (a) Less than

LEADING U.S. EXPORTS—CANNED VEGETABLES
Basis 1,000 cases 24/303 cans (24 lbs.). Figure rounded - Calendar year.

Country of Destination	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
ASPARAGUS										
Canada.....	1	1	1	1	2	10	....	1	6	....
Mexico.....	....	....	31	4	....	11	....	....	1	....
Latin America.....	7	10	17	28	38	8	8	2	5	2
European Community.....	69	41	39	59	40	34	29	29	35	33
Other Western Europe.....	14	16	24	19	24	27	23	12	16	12
Asia.....	12	29	19	21	21	66	44	50	21	16
Caribbean.....	3	3	3	25	54	46	4	2	2	....
Other.....	7	2	10	14	9	3	4	2	2	2
Total.....	113	102	144	171	188	205	112	99	89	65
BEANS CANNED¹										
Canada.....	123	97	123	43	58	35	77	39	53	39
Mexico.....	36	75	102	113	97	84	24	5	6	18
Latin America.....	19	29	178	150	147	123	148	47	48	61
Caribbean.....	28	29	149	92	88	17	311	216	154	205
Europe.....	1144	702	87	76	39	....	138	73	68	33
Asia.....	105	99	281	294	256	30	260	222	267	237
Africa.....	12	11	68	79	37	35	22	11	14	3
Other.....	7	9	50	43	86	48	65	38	54	39
Total.....	1474	1051	1038	890	808	876	1,047	651	663	635
CORN, CANNED										
Canada.....	185	156	229	127	103	67	75	144	41	23
Mexico.....	89	116	101	104	110	120	38	25	31	99
France.....	298	365	541	959	861	853	786	923	571	465
Germany, Federal Rep.....	189	302	465	482	706	586	724	809	772	879
United Kingdom.....	236	273	293	348	398	348	513	832	912	884
Other Western Europe.....	329	344	531	539	529	635	851	705	732	854
Japan.....	311	382	562	939	1554	3001	1,772	1,743	1,301	1,487
Asia.....	431	726	624	662	573	728	742	665	780	759
Latin America.....	55	130	114	135	150	99	94	28	34	34
Caribbean.....	62	49	46	58	71	63	59	44	47	38
Other.....	26	29	31	40	50	43	62	148	34	86
Total.....	2211	2872	3537	4393	5105	6543	5,716	6,065	5,257	5,608
PEAS, CANNED										
Canada.....	43	19	29	11	5	....	11	4	1	....
Latin America.....	86	134	105	71	145	111	56	27	29	25
Caribbean.....	34	26	33	27	31	35	36	37	40	19
Asia.....	47	83	81	62	82	90	113	69	44	39
Oceania.....	17	34	16	25	41	26	33	59	37	28
Other.....	28	22	18	21	18	22	13	21	18	21
Total.....	255	318	282	217	322	284	262	217	176	132
TOMATOES, CANNED										
Canada.....	1160	909	1039	1340	1207	1170	709	446	383	297
Europe.....	10	5	3	36	5	15	5	27	3	18
Latin America.....	11	3	7	216	63	24	2	....	1	....
Asia.....	41	48	84	78	99	94	76	83	84	304
Other.....	34	19	43	67	82	38	40	26	28	25
Total.....	1256	984	1176	1737	1456	1341	832	583	498	644
TOMATO CONCENTRATES²										
Canada.....	1059	852	968	1309	918	996	891	966	858	625
Latin America.....	14	220	130	147	38	74	26	11	12	3
Caribbean.....	41	29	76	83	101	89	80	57	62	41
Asia.....	119	125	214	276	314	186	200	225	174	148
Oceania.....	22	35	26	164	32	37	35	39	36	35
Europe.....	30	145	77	12	12	17	20	13	17	42
Other.....	83	40	34	34	64	87	4	3	1	15
Total.....	1368	1446	1525	2025	1479	1,486	1,257	1,314	1,161	909
TOMATO JUICE										
	1,000 Gallons									
Canada.....	3876	3383	1409	378	262	258	186	150	n.a.	n.a.
Mexico.....	80	78	101	99	241	214	30	5	n.a.	n.a.
Caribbean.....	163	133	121	123	263	222	292	169	n.a.	n.a.
Latin America.....	7	55	59	82	184	95	75	11	n.a.	n.a.
Middle East.....	1065	804	1022	971	1147	1787	1,371	851	n.a.	n.a.
Far East.....	238	371	859	1184	1475	1056	974	673	n.a.	n.a.
Other.....	131	109	84	113	253	246	188	114	n.a.	n.a.
Total.....	5560	4933	3655	2950	3825	3878	3,116	1,973	n.a.	n.a.

¹Excludes dry beans & pickled beans.

²Includes tomato paste, pulp, puree & sauce.

U.S. COMPETITION IN WORLD MARKETS

IMPORTS INTO SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN

SOURCE: United States Department of Agriculture, Foreign Agricultural Service,
Horticultural and Tropical Products Division

SPECIFIED CANNED FRUITS

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
APRICOTS—1,000 cases basis 24 No. 2½ cans 45 lb. per case									
FRANCE									
Greece	480	841	660	814	920	974	987	795	n.a.
Morocco	779	746	888	835	482	591	541	700	n.a.
Spain	573	200	242	309	254	258	462	889	n.a.
Tunisia	173	329	188	128	194	....	....	....	n.a.
Other	52	19	19	22	25	134	217	264	n.a.
TOTAL	2,057	2,135	1,997	2,108	1,875	1,957	2,207	2,120	n.a.
GERMANY, W.									
Greece	1,142	587	873	752	790	1,078	995	866	777
Italy	98	80	76	116	125	206	580	529	616
Morocco	195	251	128	167	97	135	99	106	64
South Africa	133	130	147	187	349	215	167	134	268
Spain	593	291	398	409	449	499	569	556	830
Other	162	196	245	191	143	173	155	208	24
TOTAL	2,323	1,535	1,867	1,822	1,953	2,306	2,565	2,428	2,558
UNITED KINGDOM									
Australia	21	10	17	47	25	19	18	13	13
Israel	43	60	22	37	19	8	5	3	(a)
South Africa	174	255	275	245	301	190	149	113	96
Spain	291	162	222	121	83	103	217	375	424
Greece .....	....	47	49	100	137	207	237	138	95
Other	14	14	40	14	4	9	14	15	28
TOTAL	543	548	625	564	569	536	640	657	643
CHERRIES—1,000 Pounds									
CANADA									
Italy	6,427	697	576	1,043	418	1,585	2,030	2,643	n.a.
Spain	26	....	73	73	461	383	348	800	n.a.
Other .....	....	22	....	....	4	....	28	....	n.a.
Subtotal	6,453	719	649	1,116	883	1,968	2,406	3,443	n.a.
United States	3,645	10,455	9,600	9,125	6,299	4,674	4,310	5,572	n.a.
TOTAL	10,098	11,174	10,249	10,241	7,182	6,642	6,716	9,015	n.a.
GERMANY, W.									
Belgium-Lux	6,325	8,516	4,765	4,851	5,946	5,966	6,855	4,636	6,777
Greece	3,033	2,085	2,488	2,301	3,808	4,966	2,039	710	864
Italy	13,064	9,053	5,490	8,014	6,046	11,088	8,913	12,033	9,436
Netherlands	7,913	6,771	6,219	7,422	15,189	10,056	16,033	8,508	11,318
United States	6,545	5,997	6,968	3,698	7,893	3,607	2,595	547	106
Yugoslavia	9,777	4,203	4,649	11,503	12,183	9,212	9,432	13,012	23,131
Other	6,446	6,121	7,701	4,563	6,822	6,804	7,441	10,842	10,710
TOTAL	53,093	42,746	38,280	42,352	57,886	51,699	53,308	50,287	62,342
UNITED STATES									
Maraschinos									
France	961	357	27	16	22	82	229	362	n.a.
Greece	24	20	12	44	40	55	78	49	n.a.
Italy	76	415	384	217	56	625	32	62	n.a.
Poland	37	75	41	27	42	70	43	42	n.a.
Other	155	93	87	928	106	114	220	365	n.a.
Subtotal	1,253	960	551	1,232	266	946	602	880	n.a.
TOTAL ²	1,416	1,007	705	1,233	301	975	1,591	2,198	n.a.
FRUIT MIXTURES—1,000 cases basis 24 No. 2½ cans, 45 lb. per case									
CANADA									
Australia	137	117	224	107	144	101	190	231	282
Philippines	19	34	24	31	23	27	15	9	21
South Africa	10	3	5	33	28	53	92	110	201
Other	5	....	7	2	3	1	7	8	318
Subtotal	171	1,237	260	173	198	182	304	358	822
United States	994	1,083	1,082	1,041	846	859	717	467	435
TOTAL	1,165	1,237	1,342	1,214	1,044	1,041	1,021	825	1,256

*1985 data and missing 1984 data not available at press time.
Cherries in Brine. (a) Included in Other.

¹Included in canned pears. ²Includes

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
FRUIT MIXTURES—Continued									
FRANCE									
Italy.....	372	390	432	531	623	687	737	605	n.a.
Other.....	19	10	47	15	20	29	56	83	n.a.
TOTAL.....	391	400	479	546	643	716	793	688	n.a.
GERMANY, W.									
Denmark.....	49	62	25	17	14	17	23	68	....
France.....	119	102	66	91	51	120	111	142	182
Italy.....	1,235	1,094	806	825	671	690	790	814	936
United States.....	44	45	108	101	352	311	175	125	12
Other.....	161	99	176	150	135	181	202	122	66
TOTAL.....	1,608	1,402	1,181	1,184	1,223	1,319	1,301	1,271	1,242
JAPAN									
Australia.....	25	45	72	112	90	64	60	52	33
Philippines.....	19	14	30	60	50	38	40	37	39
United States.....	83	126	160	157	157	136	115	163	111
Other.....	....	2	2	6	1	7	4	13	51
TOTAL.....	127	187	264	335	298	245	219	265	234
NETHERLANDS									
Germany, West.....	4	11	13	47	36	34	46	n.a.	n.a.
Greece.....	11	19	41	43	51	69	76	10	n.a.
Italy.....	347	337	248	195	255	292	317	359	n.a.
South Africa.....	95	27	38	51	43	30	40	13	n.a.
Other.....	25	23	48	27	31	36	22	64	n.a.
Subtotal.....	482	417	388	363	416	461	503	446	n.a.
United States.....	48	33	88	44	67	52	23	13	n.a.
TOTAL.....	530	450	476	407	483	513	526	459	n.a.
UNITED KINGDOM									
Australia.....	274	102	197	142	170	128	103	82	102
Italy.....	36	161	475	417	598	782	638	799	952
South Africa.....	792	741	896	1,012	855	837	626	636	464
Spain.....	169	231	89	94	76	81	59	146	129
Other.....	36	41	77	147	130	143	202	269	300
Subtotal.....	1,307	1,276	1,734	1,812	1,829	1,971	1,628	1,926	1,947
United States.....	29	36	45	7	12	38	8	6	....
TOTAL.....	1,336	1,312	1,779	1,819	1,841	2,009	1,636	1,932	1,947
PEACHES — 1,000 cases basis 2½ No. 2½ cans, 45 lb. per case									
CANADA									
Australia.....	199	255	358	152	94	178	248	275	189
South Africa.....	24	5	35	189	206	250	238	171	198
Other.....	2	....	....	2	4	2	3	72	460
Subtotal.....	225	230	395	343	304	430	489	518	847
United States.....	1,129	1,274	1,209	1,161	997	880	708	427	306
TOTAL.....	1,354	1,534	1,602	1,504	1,301	1,310	1,197	945	1,153
FRANCE									
Greece.....	404	513	730	518	727	933	939	808	788
Italy.....	178	187	93	205	291	200	198	190	146
Other.....	89	23	22	10	6	6	32	77	68
TOTAL.....	671	723	845	733	1,024	1,139	1,169	1,075	1,003
WEST GERMANY									
Argentina.....	151	67	51	....	....	....	....	1	....
Australia.....	38	108	....	....	....	....	47	....	....
Bulgaria.....	127	65	98	34	62	235	64	205	....
Greece.....	2,327	2,142	2,491	2,223	2,073	2,220	2,315	2,010	2,536
Italy.....	598	481	466	633	664	809	670	612	607
Spain.....	49	35	4	10	4	4	19	25	53
South Africa.....	1,296	432	626	829	741	571	710	374	436
Other.....	128	59	39	155	129	103	135	99	203
Subtotal.....	4,714	3,389	3,775	3,884	3,673	3,942	3,960	3,326	3,835
United States.....	216	342	1,052	447	577	379	111	208	....
TOTAL.....	4,930	3,731	4,827	4,331	4,250	4,321	4,071	3,534	3,836
JAPAN									
Australia.....	461	309	428	575	272	317	314	297	164
South Africa.....	168	110	268	391	125	204	219	486	587
United States.....	358	698	907	686	688	502	485	465	155
Other.....	44	28	12	8	6	6	5	4	51
TOTAL.....	1,031	1,145	1,615	1,660	1,091	1,029	1,023	1,251	957

*1985 data and missing 1984 data not available at press time.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
PEACHES—Continued									
NETHERLANDS									
Argentina	83	51	14	....	4	....	n.a.	n.a.	n.a.
Germany, West	39	32	35	87	78	n.a.	n.a.	n.a.	n.a.
Greece	165	225	320	257	288	298	355	401	n.a.
Italy	22	21	7	19	45	15	30	72	n.a.
South Africa	254	107	112	148	140	91	106	112	n.a.
Other	35	29	82	30	13	104	80	75	n.a.
Subtotal	598	465	570	541	568	508	n.a.	n.a.	n.a.
United States	89	67	75	25	59	23	n.a.	n.a.	n.a.
TOTAL	687	532	645	566	627	531	571	660	n.a.
SWEDEN									
Argentina	74	124	111	3	....	n.a.	n.a.	n.a.	n.a.
Australia	58	36	15	56	74	55	58	48	n.a.
South Africa	169	73	83	82	112	99	107	76	n.a.
Other	14	21	18	50	30	49	49	77	n.a.
Subtotal	315	254	227	191	216	203	214	201	n.a.
United States	91	107	121	125	131	85	47	29	n.a.
TOTAL	406	361	348	316	347	288	261	230	n.a.
UNITED KINGDOM									
Australia	519	362	353	317	356	437	684	227	170
Greece	49	169	257	356	411	740	932	1,228	1,251
Italy	30	257	276	582	515	699	518	617	568
South Africa	3,071	2,796	2,140	2,271	1,860	158	1,072	1,110	752
Other	24	47	35	29	29	25	124	73	57
Subtotal	3,690	3,627	3,061	3,555	3,171	3,483	3,330	3,254	2,793
United States	3	4	225	14	21	8	3	1	....
TOTAL	3,693	3,631	3,286	3,569	3,192	3,491	3,333	3,255	2,793
PEARS — 1,000 cases basis 24 No. 2 1/2 cans, 45 lb. per case									
CANADA									
Australia	244	278	351	291	156	167	198	175	193
Other	17	13	....	17	51	97	107	143	157
Subtotal	261	291	....	308	207	264	305	318	350
United States	69	80	51	57	41	40	34	18	8
TOTAL	330	371	402	365	248	304	339	336	358
FRANCE									
Italy	237	343	378	399	401	517	639	449	440
Other	28	64	125	41	26	42	117	83	72
TOTAL	265	407	503	440	427	559	756	532	512
GERMANY, W.									
Australia	207	151	322	473	190	260	309	123	117
China, Mainland	46	13	69	48	110	178	121	102	64
Italy	1,630	1,283	799	819	1,211	1,315	1,059	957	1,106
South Africa	63	20	87	100	74	59	131	74	69
Other	79	40	66	37	41	59	24	46	79
TOTAL	2,025	1,507	1,343	1,477	1,626	1,871	1,644	1,302	1,435
UNITED KINGDOM									
Australia	909	416	607	711	561	523	634	349	324
Italy	381	285	136	420	445	528	421	605	768
South Africa	1,586	1,226	904	870	811	785	567	611	484
Spain	157	135	22	29	30	47	21	130	137
Other	9	12	3	23	43	55	26	31	23
TOTAL	3,042	2,074	1,672	2,053	1,890	1,938	1,663	1,724	1,736
PINEAPPLE — 1,000 cases basis 24 No. 2 1/2 cans									
CANADA									
Australia	95	40	51	41	85	74	67	43	39
China, Taiwan	149	67	69	75	124	36	16	7	....
Philippines	389	383	414	502	604	547	392	239	410
Singapore	98	50	87	38	27	26	15	13	....
South Africa	177	64	130	138	136	171	132	144	148
Thailand	105	134	347	324	410	358	365	417	564
United States	219	337	257	281	296	518	369	317	494
Other	126	50	42	34	29	24	18	15	60
TOTAL	1,358	1,125	1,397	1,433	1,711	1,754	1,374	1,195	1,715

*1985 data and missing 1984 data not available at press time.

¹Includes canned apricots.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
PINEAPPLE —Continued - 1,000 cases basis 24 No. 2 1/2 cans									
FRANCE									
Ivory Coast	1,004	941	1,064	874	919	941	618	411	n.a.
Kenya	3	99	124	137	267	266	193	240	n.a.
Martinique	503	333	245	376	406	472	409	473	n.a.
Philippines .....	....	20	141	92	101	87	113	138	n.a.
South Africa	1	18	77	41	118	7	71	n.a.	n.a.
Thailand .....	....	57	205	127	157	137	438	223	n.a.
United States	117	63	53	13	10	23	10	n.a.	n.a.
Other	19	26	75	35	30	69	104	n.a.	n.a.
TOTAL	1,647	1,557	1,984	1,695	2,008	2,002	1,956	1,622	n.a.
WEST GERMANY									
China, Mainland	328	89	34	111	193	180	36	252	174
China, Taiwan	123	5	....	36	....	....	....	4	9
Ivory Coast	1,045	803	805	984	740	781	278	53	50
Kenya	336	555	678	441	320	619	507	730	498
Malaysia	192	143	81	44	58	64	66	59	219
Philippines	494	393	454	540	581	582	596	502	321
South Africa	530	218	366	302	281	156	496	178	123
Swaziland	139	140	81	218	220	231	172	128	330
Thailand	492	826	1,185	1,091	1,334	1,263	1,637	1,286	1,039
United States	120	127	123	71	60	37	43	46	42
Other	145	216	323	121	161	106	41	135	68
TOTAL	3,944	3,515	4,130	3,959	3,948	4,019	3,872	3,373	2,873
JAPAN									
China, Taiwan	237	326	269	282	246	241	78	53	n.a.
Malaysia	96	125	178	165	123	126	158	167	n.a.
Philippines	191	323	407	386	252	291	298	252	n.a.
Thailand	141	239	302	280	129	140	331	213	n.a.
Other	9	21	33	37	26	23	21	27	n.a.
TOTAL	674	1,034	1,189	1,150	776	821	886	712	n.a.
UNITED KINGDOM									
Kenya	221	295	269	671	541	523	454	520	541
Malaysia	772	832	793	505	n.a.	n.a.	n.a.	(a)	(a)
Philippines	148	248	166	132	158	400	406	359	393
Singapore .....	....	....	....	171	n.a.	n.a.	n.a.	399	319
South Africa	508	468	495	578	622	435	675	451	265
Swaziland	74	185	79	167	121	281	182	255	283
United States	17	9	....	....	....	....	....	....	....
Other	65	227	113	235	921	705	868	198	273
TOTAL	1,805	2,264	1,915	2,459	2,363	2,344	2,585	2,181	2,074
UNITED STATES									
China, Taiwan	624	388	190	476	829	246	150	57	80
Ivory Coast	82	86	76	49	83	80	27	3	0
Malaysia	285	291	260	270	178	144	214	212	168
Mexico	604	680	793	624	602	247	171	142	146
Philippines	4,832	4,863	4,651	5,282	4,933	4,265	4,579	4,550	4,561
Singapore	252	197	133	130	219	242	235	188	204
South Africa	137	135	148	166	183	405	574	708	548
Thailand	1,273	1,917	2,200	2,964	3,214	3,860	3,511	3,061	3,428
Other	89	57	27	44	24	60	46	77	155
TOTAL	8,178	8,614	8,478	10,005	10,265	9,549	9,507	8,998	9,291

FROZEN ORANGE CONCENTRATE—1,000 gallons at 42° brix

CANADA									
Belize	495	146	....	....	....	....	n.a.	n.a.	n.a.
Brazil	5,917	6,001	12,305	11,951	11,299	16,865	16,072	14,148	16,110
Mexico	396	1,425	886	732	380	730	651	856	278
Panama .....	....	99	63	....	23	....	....	n.a.	n.a.
U.S. ¹	7,778	7,122	6,464	7,991	9,387	9,459	7,904	9,132	9,011
Other	8	59	17	17	....	....	26	160	23
TOTAL	14,594	14,852	19,735	20,691	21,089	27,054	24,653	24,296	25,422

*1985 data and missing 1984 data not available at press time.
concentrate at 65° brix. (a) Included in Philippines.

¹ Assumes that 5% of U.S. shipments are bulk

IMPORTS INTO SPECIFIED COUNTRIES —Continued

CANNED VEGETABLES

1,000 cases, equiv. 24/303's (24 lbs.)

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
ASPARAGUS — 1,000 cases basis 24/303 cans, 24 lb. per case									
BELGIUM-LUX									
China, Taiwan	358	301	336	392	332	235	226	113	n.a.
Germany, West	53	34	32	20	5	11	8	35	n.a.
Netherlands	47	22	37	27	25	30	51	36	n.a.
Other	11	13	8	10	17	16	31	37	n.a.
TOTAL	469	370	413	449	379	292	316	222	n.a.
FRANCE									
China, Taiwan	50	181	445	643	1,015	1,047	972	355	n.a.
Mexico .....	.....	39	173	171	208	175	246	272	n.a.
Spain	503	425	309	126	129	92	92	395	n.a.
Other	4	26	30	40	73	89	100	134	n.a.
TOTAL	557	671	957	980	1,425	1,403	1,410	1,156	n.a.
WEST GERMANY									
Belgium-Lux	29	31	12	4	.....	.....	.....	1	0
Brazil	72	97	62	55	56	28	23	21	10
China, Taiwan	4,373	3,875	4,677	4,284	3,605	3,012	2,474	2,074	1,545
Japan	9	12	8	.....	.....	.....	2	.....	.....
Mexico	69	29	11	11	2	2	12	47	89
Netherlands	153	119	180	277	332	297	260	246	237
South Africa	12	78	81	82	.....	29	51	114	144
Spain	169	121	88	69	66	95	97	175	189
Other	60	128	127	127	147	148	202	462	464
TOTAL	4,946	4,490	5,246	4,909	4,208	3,611	3,121	3,140	2,678
NETHERLANDS									
China, Taiwan	338	294	393	380	387	221	229	178	n.a.
Germany, West	107	96	86	37	30	50	53	54	n.a.
Other	33	15	23	30	19	43	37	49	n.a.
TOTAL	478	405	502	447	436	314	319	282	n.a.
SWEDEN									
China, Taiwan	243	232	232	210	252	256	318	n.a.	171
Mexico	9	30	20	22	27	8	14	n.a.	20
United States	11	11	13	10	8	6	4	n.a.	7
Other	4	8	3	8	14	11	24	n.a.	43
TOTAL	267	281	268	250	301	281	360	n.a.	241
BEANS, GREEN OR WAX — 1,000 cases basis 24/303 cans, 24 lb. per case									
BELGIUM-LUX									
China, Mainland	290	163	172	232	196	251	240	162	n.a.
France	425	202	297	251	388	420	389	373	n.a.
Italy	59	59	28	67	89	85	75	84	n.a.
Netherlands	276	92	137	327	169	109	121	120	n.a.
Other	117	197	101	263	78	69	52	57	n.a.
TOTAL	1,167	713	735	930	920	934	877	796	n.a.
FRANCE									
Belgium-Lux	76	124	32	127	.....	67	274	793	n.a.
Italy	281	137	56	66	218	148	113	86	n.a.
Morocco	441	581	475	610	614	675	930	828	n.a.
Spain	398	133	46	14	.....	14	11	1	n.a.
Other	73	293	12	49	47	20	38	135	n.a.
TOTAL	1,269	1,268	621	866	879	924	1,366	1,843	n.a.
NETHERLANDS									
Belgium-Lux	387	223	176	295	109	271	317	348	n.a.
China, Mainland	778	396	557	673	590	782	476	570	n.a.
France	52	25	45	176	150	216	106	78	n.a.
United States	137	192	.....	.....	.....	.....	.....	1	n.a.
Other	87	135	66	78	67	95	151	63	n.a.
TOTAL	1,441	971	844	1,222	916	1,364	1,050	1,060	n.a.

*1985 data and missing 1984 data not available at press time.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
MUSHROOMS—1,000 cases basis 24 lb., drained weight per case									
CANADA									
China, Mainland.....	172	257	247	331	418	355	566	597	920
China, Taiwan.....	379	494	370	630	595	418	304	195	280
France.....	25	79	83	76	76	81	101	53	201
Hong Kong.....	.....	14	14	64	38	249	231	232	271
Korea, Republic of.....	145	480	422	551	185	331	229	107	.....
South Africa.....	12	44	41	49	29	5	.....	.....	.....
United Kingdom.....	62	71	3	.....	.....	.....	.....	.....	.....
Other.....	29	36	49	62	38	51	28	50	133
TOTAL.....	824	1,475	1,229	1,763	1,379	1,490	1,459	1,234	1,966
WEST GERMANY									
Belgium-Lux.....	114	144	137	122	112	153	92	131	n.a.
China, Mainland.....	892	844	1,004	1,631	1,541	1,627	1,200	1,981	n.a.
China, Taiwan.....	431	571	818	3	71	73	47	90	n.a.
France.....	1,832	1,590	1,530	1,283	1,678	1,759	1,726	2,943	n.a.
Italy.....	76	170	163	168	61	68	41	49	n.a.
Korea, Republic of.....	104	163	542	2	264	226	112	7	n.a.
Netherlands.....	1,618	1,788	1,922	2,259	2,364	2,630	2,722	5,311	n.a.
Spain.....	.....	28	101	.....	55	14	32	29	n.a.
Other.....	75	59	105	18	51	48	116	45	n.a.
TOTAL.....	5,142	5,357	6,322	5,486	6,197	6,598	6,088	10,586	n.a.
UNITED STATES									
China, Mainland.....	5	2	1	11	618	1,140	1,525	1,527	n.a.
China, Taiwan.....	1,676	2,040	2,051	1,886	2,239	856	1,472	1,620	n.a.
Hong Kong.....	10	146	401	606	816	978	678	711	n.a.
Korea, Republic of.....	964	782	1,069	1,189	809	391	216	333	n.a.
Other.....	151	114	157	157	154	133	175	323	n.a.
TOTAL.....	2,806	3,084	3,679	3,849	4,636	3,498	4,066	4,514	n.a.
CANNED PEAS—1,000 cases basis 24/303 cans, 24 lb. per case									
GERMANY, W.									
Belgium-Lux.....	3,098	1,968	1,593	2,229	1,670	1,241	1,254	1,500	1,110
France.....	4,402	3,483	4,024	3,312	3,980	3,198	2,779	3,001	2,713
Italy.....	838	539	187	249	388	824	590	156	189
Netherlands.....	241	261	229	266	338	506	645	656	720
Romania.....	42	36	32	.....	.....	14	10	.....	.....
Other.....	48	49	44	26	78	1245	159	71	80
TOTAL.....	8,669	6,336	6,109	6,082	6,454	6,028	5,437	5,385	4,812
NETHERLANDS									
Belgium-Lux.....	1,438	997	838	697	283	654	872	1,010	n.a.
France.....	754	626	810	641	901	776	190	100	n.a.
Other.....	63	36	40	31	18	40	102	11	n.a.
TOTAL.....	2,255	1,659	1,688	1,369	1,202	1,470	1,164	1,121	n.a.
CANNED TOMATOES—1,000 cases basis 24/303 cans, 24 lb. per case									
CANADA									
Bulgaria.....	105	60	90	15	51	78	152	34	4
China, Taiwan.....	1,068	273	12	5	9	18	41	12	65
Israel.....	169	225	164	301	114	173	162	38	81
Italy.....	426	292	338	356	465	818	1,019	458	597
Portugal.....	16	37	87	147	102	171	171	175	298
Spain.....	705	771	962	658	424	800	985	840	1,066
United States.....	1,452	1,077	1,184	1,502	1,309	1,015	547	443	343
Other.....	55	45	41	3	12	2273	145	42	118
TOTAL.....	3,996	2,780	2,878	2,987	2,486	3,346	3,222	2,042	2,571
FRANCE									
Bulgaria.....	15	27	25	6	.....	.....	.....	.....	n.a.
Greece.....	121	186	262	503	260	128	129	11	n.a.
Israel.....	51	66	90	71	53	73	25	46	n.a.
Italy.....	2,248	1,824	2,200	2,499	3,328	4,518	3,402	3,507	n.a.
Morocco.....	108	156	110	13	14	20	29	72	n.a.
Spain.....	91	278	818	265	96	33	62	581	n.a.
Other.....	6	1	.....	18	4	4	.....	60	n.a.
TOTAL.....	2,640	2,538	3,505	3,375	3,755	4,776	3,647	4,278	n.a.

*1985 data and missing 1984 data not available at press time.
 2Includes 154 cases from Hong Kong.

1Includes 144 cases from East Europe.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
CANNED TOMATOES—Continued									
GERMANY, W.									
Bulgaria	156	118	307	215	146	292	325	220	83
Greece	181	94	127	401	26	61	74	120	130
Italy	3,637	3,616	3,897	4,063	5,242	6,497	6,540	7,036	7,173
Spain	71	69	258	71	44	48	41	179	105
China, Mainland	21	51	257	304	518	70	13	21	....
Israel	10	20	26	176	180	138	71	99	93
Other	22	19	77	15	6	10	18	138	23
TOTAL	4,098	3,987	4,949	5,245	6,162	7,116	7,082	7,813	7,607
NETHERLANDS¹									
Germany, West	75	135	19	102	183	14	33	20	n.a.
Greece	971	1,013	997	1,083	915	14	7	80	n.a.
Hungary .....	....	146	178	97	110	....	....	....	n.a.
Italy	782	599	512	657	802	560	486	387	n.a.
Portugal	138	265	204	195	302	....	....	16	n.a.
Spain	66	71	43	160	128	43	40	154	n.a.
Other	180	85	163	73	82	51	18	32	n.a.
TOTAL	2,212	2,314	2,116	2,367	2,522	682	584	688	n.a.
UNITED KINGDOM									
Bulgaria	467	567	756	651	342	467	476	442	n.a.
Italy	10,084	9,640	9,555	13,957	12,843	17,320	16,528	14,321	n.a.
Spain	3,336	3,528	2,635	1,773	969	733	524	1,301	n.a.
Other	312	377	566	389	317	402	428	261	n.a.
TOTAL	14,199	14,112	13,512	16,770	14,471	18,922	17,956	16,325	n.a.
UNITED STATES									
Greece	26	....	1	1	....	1	....	....	2
Israel	234	289	310	229	173	598	1,030	2,032	1,455
Italy	2,050	1,809	1,761	1,092	1,171	2,380	3,217	2,536	3,809
Mexico	12	28	24	31	21	13	4	4	....
Morocco .....	....	16	3	....	....	....	....	....	....
Spain	738	699	946	510	246	983	2,386	2,534	3,067
Other	30	163	45	36	51	77	253	674	1,401
TOTAL	3,090	3,004	3,090	1,899	1,662	4,051	6,959	7,780	9,732
TOMATO JUICE — 1,000 cases basis 24/393 cans, 24 lb. per case									
CANADA									
Israel .....	....	19	3	6	1	1	....	....	n.a.
United States	183	158	96	102	103	106	57	33	n.a.
Other	4	....	....	....	....	1	....	1	n.a.
TOTAL	187	177	99	108	104	108	57	34	n.a.
FRANCE									
Belgium-Lux	2	3	3	8	12	24	36	n.a.	n.a.
Germany, W.	11	....	2	6	2	7	5	n.a.	n.a.
Greece .....	....	10	3	....	....	....	....	n.a.	n.a.
Italy	122	251	126	160	100	110	109	n.a.	n.a.
Israel	16	46	47	65	52	72	57	n.a.	n.a.
Morocco	9	2	4	....	....	....	....	n.a.	n.a.
Other	6	51	5	4	4	10	3	n.a.	n.a.
TOTAL	166	363	190	243	170	223	210	n.a.	n.a.
JAPAN									
United States	12	15	35	55	50	27	19	12	n.a.
Israel	1	4	3	1	1	....	....	....	n.a.
Other .....	....	1	....	1	1	....	....	1	n.a.
TOTAL	13	20	38	57	52	27	19	13	n.a.
UNITED KINGDOM									
Greece	100	78	41	....	....	....	n.a.	n.a.	n.a.
Israel	1,311	1,169	1,230	1,546	1,047	713	n.a.	n.a.	n.a.
Italy .....	....	3	3	....	41	13	n.a.	n.a.	n.a.
Spain	65	99	8	....	....	....	n.a.	n.a.	n.a.
Other	118	122	122	97	71	38	n.a.	n.a.	n.a.
TOTAL	1,594	1,471	1,404	1,643	1,159	764	n.a.	n.a.	n.a.

*1985 data and missing 1984 data not available at press time. ¹Data for 1981 are Tomatoes, Canned only; previous years included an unknown quantity of Tomato Concentrates. n.a. - Not available.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year								
	1976	1977	1978	1979	1980	1981	1982	1983	*1984
TOMATO CONCENTRATES—1,000 cases basis 24/303 cans, 24 lb. per case									
CANADA									
Greece	148	155	172	189	49	47	34	56	74
Italy	12	4	13	19	7	93	263	366	222
Mexico	89	41	133	123	185	131	84	25	15
Portugal	466	676	707	708	846	840	389	403	454
Spain	262	228	259	153	62	193	51	25	17
United States	834	753	743	955	615	495	272	187	83
Other	159	254	391	258	79	322	294	395	431
TOTAL	1,970	2,111	2,418	2,405	1,843	2,121	1,387	1,457	1,295
FRANCE									
Greece	603	678	407	311	266	182	148	822	n.a.
Italy	1,465	631	791	959	1,173	1,542	1,308	1,110	n.a.
Morocco	108	401	215	66	4	1	....	54	n.a.
Spain	149	263	109	187	39	36	36	56	n.a.
Other	241	471	155	353	104	55	56	37	n.a.
TOTAL	2,566	2,444	1,677	1,876	1,586	1,816	1,548	2,078	n.a.
GERMANY, W.									
Greece	1,123	780	400	810	889	426	954	853	854
Hungary .....	....	23	105	....	....	....	13	31	69
Italy	3,494	2,766	3,619	3,894	4,032	4,452	4,399	4,836	5,213
Netherlands	22	104	61	15	10	25	17	12	....
Portugal	278	21	102	38	33	5	3	3	4
Spain	79	58	44	65	....	136	145	160	166
Turkey	24	79	36	29	47	42	51	68	46
Israel	63	124	126	66	....	163	76	48	57
Other	58	103	296	139	94	107	96	442	370
TOTAL	5,141	4,058	4,789	5,056	5,105	5,356	5,754	6,454	6,779
JAPAN									
United States	39	45	140	112	108	58	47	41	n.a.
Bulgaria .....	....	5	37	11	4	5	....	1	n.a.
Greece	34	35	....	....	44	....	44	397	n.a.
Portugal	235	417	336	358	518	332	283	353	n.a.
Turkey	94	201	....	....	1	....	35	437	n.a.
Chile .....	....	34	25	109	27	....	36	163	n.a.
China, Mainland	33	30	93	269	281	421	300	357	n.a.
China, Taiwan	1,282	1,944	2,827	2,852	3,491	2,422	2,155	2,376	n.a.
Mexico	29	64	3	9	10	....	....	....	n.a.
Other	111	53	33	28	9	24	29	19	n.a.
TOTAL	1,857	2,828	3,494	3,748	4,493	3,262	2,929	4,144	n.a.
SWEDEN									
Argentina	1	21	158	19	....	....	....	n.a.	....
Bulgaria	42	51	48	104	56	39	70	n.a.	....
China, Mainland	62	83	101	132	162	44	62	n.a.	....
Hungary	11	25	51	48	52	64	97	n.a.	157
Israel	38	45	56	110	117	68	83	n.a.	79
Italy	150	258	269	296	619	678	703	n.a.	497
Portugal	80	143	162	184	270	262	239	n.a.	306
Spain	649	457	409	487	479	418	586	n.a.	780
Other	63	51	51	25	38	49	84	n.a.	90
TOTAL	1,096	1,134	1,305	1,405	1,793	1,622	1,924	n.a.	1,943
UNITED KINGDOM									
Greece	1,232	1,706	552	2,027	1,822	1,722	2,697	2,449	n.a.
Israel .....	....	....	263	357	130	234	162	110	n.a.
Italy	674	669	652	1,269	1,680	2,281	2,683	2,104	n.a.
Portugal	2,046	2,594	783	1,377	1,526	457	335	567	n.a.
Spain	1,644	1,936	202	531	544	287	136	176	n.a.
Turkey	655	460	176	167	130	310	441	922	n.a.
Other	1,984	1,380	481	686	662	121	158	371	n.a.
TOTAL	8,235	8,745	3,109	6,414	6,494	5,412	6,612	6,698	n.a.
UNITED STATES									
Chile	149	101	182	215	8	81	126	139	n.a.
China, Taiwan	43	440	175	121	1	349	2,126	953	n.a.
Israel	282	512	364	227	67	790	1,044	1,382	n.a.
Mexico	558	1,014	1,173	949	781	694	1,504	1,329	n.a.
Portugal	792	253	128	103	187	460	1,133	1,314	n.a.
Spain	330	232	229	149	17	276	394	572	n.a.
Turkey	9	5	....	....	....	57	260	287	n.a.
Other	139	160	170	105	69	390	1,2574	1,706	n.a.
TOTAL	2,302	2,717	2,421	1,869	1,130	3,097	9,161	7,682	n.a.

*1985 data and missing 1984 data not available at press time.

¹Includes 989,641 cases from Italy.

²Includes 1,113 cases from Italy.

FRUIT PACKS IN SPECIFIED COUNTRIES BY COMMODITY

SOURCE: United States Department of Agriculture, Foreign Agricultural Service
Horticultural and Tropical Products Division

NOTE: The annual canned fruit packs in the Southern Hemisphere countries (Australia, South Africa, etc.) commence in November or December of each year and become seasonally heavy in the following January or February. For the purposes of this table such packs are aligned with the U.S. packing marketing season which commences the following summer. For example, the Southern Hemisphere packs completed in early 1984 are shown under the column for 1984 (marketing season 1984-85).

MARKETING SEASONS BEGINNING YEAR SHOWN

Commodity and Country	1978	1979	1980	1981	r1982	r1983	r1984	*1985
1,000 cases, equiv. 24/2½'s (45 lbs.)								
APPLES & APPLESAUCE								
Canada.....	823	1,177	710	694	784	797	763	784
Germany, West.....	2,090	1,910	2,194	2,211	1,932	1,820	1,643	1,743
South Africa.....	438	284	238	204	223	173	231	184
United States.....	13,651	15,155	12,284	10,136	12,461	12,033	n.a.	n.a.
APRICOTS								
Australia.....	338	640	341	545	240	436	235	265
Canada.....	46	47	66	31	46	33	32	32
Greece.....	500	1,250	1,676	2,515	1,999	2,352	2,352	4,409
South Africa.....	794	925	1,098	707	587	470	570	384
Spain.....	900	300	980	980	1,372	1,062	1,646	1,474
United States.....	2,127	2,887	2,994	1,208	1,626	1,167	1,861	1,532
CHERRIES								
France.....	516	570	495	421	666	568	769	549
Germany, West.....	1,183	1,383	2,004	1,717	2,286	2,852	2,447	2,102
Italy.....	165	230	375	416	490	588	588	637
Japan.....	551	669	450	539	616	755	381	686
United States:								
Red Pitted.....	582	526	545	213	471	189	389	390
Sweet.....	485	651	428	316	498	522	357	405
FRUIT MIXTURES								
Argentina.....	284	318	132	220	245	318	279	284
Australia.....	1,374	1,366	1,511	1,728	958	1,176	1,264	1,279
France ¹	1,029	1,036	991	1,070	1,112	1,333	1,450	1,421
Italy.....	3,540	2,705	2,915	2,603	3,062	3,478	3,821	3,919
Japan.....	214	387	295	185	192	156	148	147
South Africa.....	1,744	2,130	2,454	1,935	1,280	1,692	1,757	1,843
United States.....	13,857	16,960	18,041	13,928	11,213	9,558	11,177	12,466
PEACHES								
Argentina.....	1,702	1,960	1,911	1,861	1,862	2,205	2,009	2,205
Australia.....	2,313	2,589	2,645	3,406	1,841	1,888	1,279	2,014
Canada.....	151	192	238	142	252	296	140	309
Chile.....	461	805	563	612	588	563	661	784
France ¹	529	532	466	1,237	1,249	1,336	1,435	1,627
Greece.....	5,414	5,414	5,696	4,605	7,038	7,741	9,014	9,700
Italy.....	1,085	2,295	2,165	1,874	2,205	2,548	3,919	4,409
Japan.....	1,886	2,222	2,020	1,805	1,884	1,703	1,393	1,494
South Africa.....	4,750	5,347	6,443	4,158	3,652	3,252	3,863	3,313
Spain ¹	1,000	700	600	784	1,568	3,088	3,539	3,527
United States.....	21,529	25,031	26,765	21,763	18,608	11,421	19,512	19,012
PEARS								
Australia.....	2,233	2,923	2,705	2,284	1,046	1,425	1,367	1,587
Canada.....	458	519	487	398	296	261	238	271
France ¹	358	650	554	886	1,298	1,210	1,357	1,230
Italy.....	1,315	2,130	2,250	2,582	3,037	3,282	2,842	2,695
Japan.....	54	55	30	30	64	33	23	17
South Africa.....	1,456	1,595	1,782	1,415	938	1,051	1,300	1,513
United States.....	9,026	10,568	10,928	9,700	7,789	7,214	7,657	7,813
PLUMS & PRUNES								
Canada.....	*118	*91	*71	*57	52	20	34	40
Germany, West.....	659	710	700	338	874	636	607	786
United Kingdom.....	921	789	495	378	n.a.	492	487	534
United States.....	923	711	1,066	940	375	443	577	642

See Notes on Following Page

WORLD FRUIT PACKS BY COMMODITY — Continued

Commodity and Country	1978	1979	1980	1981	1982	1983	r1984	*1985
PINEAPPLE								
Australia	1,591	2,064	1,587	1,715	1,421	1,519	1,871	1,687
Ivory Coast	2,744	2,954	2,758	2,841	784	490	984	1,519
Kenya ²	2,375	2,300	1,884	n.a.	n.a.	n.a.	1,653	1,450
Malaysia	2,379	2,289	2,096	1,764	1,862	1,911	2,129	2,202
Martinique ³	245	376	393	456	n.a.	n.a.	n.a.	n.a.
Mexico	3,118	3,464	3,545	3,135	1,225	392	614	1,047
Philippines	12,623	12,993	13,522	10,435	10,239	8,818	16,845	18,964
South Africa	2,652	2,693	2,666	2,890	2,694	2,597	2,547	3,150
Taiwan	1,265	1,500	1,817	245	98	196	327	518
Thailand	5,328	5,825	6,393	7,839	7,104	6,712	9,303	10,236
Hawaii	7,620	7,470	6,940	6,810	8,181	9,112	7,251	6,663

¹Syrup pack only.
r - revised.

²Exports only.

³Imports into France.

*Plums only.

*Preliminary.

FRUIT PACKS BY COUNTRY

1,000 cases, equiv. 24/2½'s (45 lbs.)

(Pack year - See note under head on previous page.)

Country and Commodity	1978	1979	1980	1981	r1982	r1983	r1984	*1985
AUSTRALIA								
Apricots	338	640	341	545	240	436	235	265
Fruit Mixtures	1,374	1,366	1,511	1,728	958	1,176	1,264	1,279
Peaches	2,313	2,589	2,645	3,406	1,841	1,888	1,274	2,014
Pears	2,233	2,923	2,705	2,284	1,046	1,425	1,367	1,587
Pineapple	1,591	2,064	1,587	1,715	1,421	1,519	1,871	1,687
Total (these prod.)	7,849	9,582	8,789	9,678	5,506	6,444	6,011	6,831
CANADA								
Apples & Sauce	823	1,177	710	694	784	797	763	784
Apricots	46	47	66	31	46	33	32	32
Peaches	151	192	238	142	252	206	140	309
Pears	458	519	487	398	296	261	238	271
Plums & Prunes	118	91	71	57	52	20	34	40
Total (these prod.)	1,596	2,026	1,572	1,322	1,430	1,317	1,207	1,435
FRANCE¹								
Cherries	516	570	495	421	666	568	769	549
Fruit Mixtures	1,029	1,036	991	1,070	1,112	1,333	1,450	1,421
Peaches	529	532	466	1,237	1,249	1,636	1,435	1,627
Pears	358	650	554	886	1,298	1,210	1,357	1,230
Total (these prod.)	2,432	2,788	2,506	3,614	4,326	4,747	5,011	4,827
GERMANY, WEST								
Apples & Sauce	2,090	1,910	2,194	2,211	1,932	1,820	1,643	1,743
Cherries	1,183	1,383	2,004	1,717	2,286	2,852	2,447	2,102
Plums & Prunes	659	710	700	338	874	636	607	786
Total (these prod.)	3,932	4,003	4,898	4,266	5,092	5,308	4,698	4,631
GREECE								
Apricots	500	1,250	1,676	2,515	1,999	2,352	2,352	4,409
Peaches	5,414	5,414	5,696	4,605	7,038	7,741	9,014	9,700
Total (these prod.)	5,914	6,664	7,372	7,120	9,036	10,092	11,366	14,109
ITALY								
Cherries	165	230	375	416	490	588	588	637
Fruit Mixtures	3,540	2,705	2,915	2,603	3,062	3,478	3,821	3,919
Peaches	1,085	2,295	2,165	1,874	2,205	2,548	3,919	4,409
Pears	1,315	2,130	2,250	2,582	3,037	3,282	2,842	2,695
Total (these prod.)	6,105	7,360	7,705	7,475	8,794	9,896	11,170	11,660
SOUTH AFRICA								
Apples & Sauce	438	284	238	204	223	173	231	184
Apricots	794	925	1,098	707	587	470	570	384
Fruit Mixtures	1,744	2,130	2,454	1,935	1,280	1,692	1,757	1,843
Peaches	4,750	5,347	6,443	4,158	3,652	3,252	3,863	3,313
Pears	1,456	1,595	1,782	1,415	938	1,051	1,300	1,513
Pineapple	2,652	2,693	2,666	2,890	n.a.	2,597	2,547	3,150
Total (these prod.)	11,834	12,974	14,681	11,309	6,680	9,235	10,268	10,386

*Preliminary. ¹Syrup pack only. r - revised.

VEGETABLE PACKS IN SPECIFIED COUNTRIES BY COMMODITY

(Pack year—See note under fruit packs, this section)

SOURCE: United States Department of Agriculture, Foreign Agricultural Service
Horticultural and Tropical Products Division

Item & Country	1977	1978	1979	1980	1981	1982	r1983	r1984	*1985
1,000 cases, equiv. 24/303's (24 lbs.)									
ASPARAGUS									
Canada.....	442	524	536	659	629	530	379	473	729
France.....	274	258	140	96	118	73	85	94	94
Japan.....	1,128	1,313	1,145	1,106	878	n.a.	759	666	689
Spain.....	1,929	1,745	2,140	2,296	2,067	1,791	2,067	3,674	3,491
Taiwan.....	6,503	6,133	6,853	8,071	5,191	5,733	n.a.	n.a.	n.a.
United States...	3,705	3,382	2,819	2,535	2,844	2,727	2,549	2,928	3,097
BEANS, GREEN									
Canada.....	1,724	2,020	1,698	1,808	1,611	1,577	1,752	1,592	1,352
France (a).....	20,139	22,908	19,165	2,065	2,330	1,727	1,268	1,635	1,791
Germany, W.....	3,452	2,438	3,249	2,284	2,576	2,439	1,603	1,098	2,164
Italy.....	3,674	3,476	2,664	2,710	2,480	1,598	1,678	1,598	1,918
United States...	50,952	53,229	62,624	54,769	49,797	46,335	44,227	49,566	53,229
BEANS, WAX									
Canada.....	1,571	1,607	1,657	1,574	1,379	1,435	1,416	1,247	1,155
United States...	3,541	3,892	3,657	3,384	3,012	2,496	2,279	2,523	2,274
BEANS, LIMA									
United Kingdom..	859	859	937	873	781	n.a.	n.a.	n.a.	n.a.
United States...	2,657	3,356	3,061	2,833	2,602	2,275	2,338	2,316	1,966
BEETS									
Canada.....	580	n.a.	833	612	531	406	399	670	480
United States (b)...	11,289	12,973	15,103	10,878	9,657	10,868	9,039	9,292	n.a.
CARROTS									
Germany, W.....	1,259	1,101	1,080	685	1,075	1,117	645	647	916
United Kingdom..	8,736	7,513	4,712	5,153	5,778	n.a.	5,152	4,013	4,754
United States (b)...	6,586	6,250	7,267	4,365	5,251	5,932	4,695	5,100	n.a.
CORN									
Canada (c).....	2,276	2,036	2,783	2,650	2,641	2,892	2,526	2,959	3,005
United States...	56,300	57,907	60,022	50,574	57,949	60,522	51,595	56,879	55,729
MUSHROOMS									
Canada.....	457	386	386	543	661	894	735	597	643
France.....	9,104	9,455	9,723	9,605	3,723	11,060	12,181	12,677	13,191
Germany, W.....	205	362	318	409	371	331	469	288	277
Korea, Rep.....	2,500	2,526	1,850	1,177	692	485	n.a.	n.a.	n.a.
Taiwan.....	4,129	4,239	4,047	2,785	2,477	2,312	2,316	2,324	2,581
PEAS, GREEN									
Canada.....	3,904	3,121	3,718	3,508	3,080	3,312	2,403	3,860	3,889
France.....	20,144	17,888	18,750	12,560	15,582	14,220	17,416	11,161	14,440
Germany, W.....	808	737	805	672	700	1,127	462	450	609
Italy.....	5,052	4,966	.....	.....	.....	4,156	4,172	3,596	3,996
United Kingdom..	8,960	6,552	5,962	6,099	5,438	n.a.	5,179	5,083	4,256
United States...	30,238	25,269	36,492	30,056	27,296	24,790	20,827	23,312	29,306
SAUERKRAUT									
Germany, W.....	n.a.	9,221	9,791	8,729	11,724	12,294	10,286	12,077	12,144
United States (b)...	19,419	19,509	19,016	18,173	18,686	18,417	15,844	7,011	n.a.
SPINACH									
France.....	2,124	2,030	1,403	1,903	1,672	2,058	2,728	2,729	.....
United States (b)...	7,108	6,214	8,121	6,314	5,458	n.a.	n.a.	n.a.	.....
TOMATOES									
Canada.....	3,750	3,893	4,654	4,078	4,948	6,940	4,674	6,762	5,221
Greece.....	1,378	2,296	2,296	2,756	1,002	907	815	1,158	1,470
Italy.....	60,443	76,885	101,044	97,369	92,777	77,750	101,045	126,233	79,458
Portugal.....	815	837	611	562	735	919	520	490	334
Spain.....	13,779	11,023	10,104	10,564	8,175	18,464	18,555	23,792	15,983
Taiwan.....	717	791	525	799	367	564	768	1,745	1,036
United States...	54,124	49,241	52,896	53,096	51,937	63,089	61,561	66,376	59,585

(a) Prior to 1980, included green beans, string beans and butter beans. (b) Pack beginning year shown.
(c) Whole kernel only. n.a. - Not available. ¹Tin & glass only. r - revised. *Preliminary.

WORLD VEGETABLE PACKS BY COMMODITY — Continued

Item & Country	1977	1978	1979	1980	1981	1982	1983	r1984	*1985
TOMATO CONCENTRATES									
Canada.....	n.a.	n.a.	480	534	911	1,495	1,106	1,525	1,927
France.....	2,213	4,255	4,077	4,970	4,950	4,593	3,693	4,510	4,878
Greece.....	7,418	11,415	11,946	14,601	11,946	14,886	16,332	23,755	20,981
Italy.....	11,482	20,209	29,854	27,282	28,017	28,833	34,906	52,001	34,906
Mexico.....	3,919	3,702	4,409	5,511	5,144	n.a.	n.a.	n.a.	n.a.
Portugal.....	10,369	9,367	7,879	6,707	5,971	7,040	9,078	10,858	11,539
South Africa....	1,049	486	485	363	....	n.a.	n.a.	n.a.	n.a.
Spain.....	4,593	3,674	3,491	4,501	4,614	6,246	6,430	7,716	7,257
Taiwan.....	1,911	3,443	3,204	2,388	3,674	4,038	3,647	5,493	4,363
Turkey.....	3,674	3,674	4,593	4,409	4,593	n.a.	n.a.	11,023	14,238
TOMATO JUICE									
Canada.....	11,124	10,599	8,937	7,590	8,821	8,505	7,129	8,727	6,449
Greece.....	919	1,010	1,378	1,838	873	n.a.	n.a.	n.a.	n.a.
Italy.....	3,950	4,134	4,225	10,104	2,388	n.a.	n.a.	2,030	2,039
Spain.....	459	367	349	367	276	257	n.a.	n.a.	n.a.
United States...	27,844	33,920	31,517	26,617	17,507	23,955	n.a.	n.a.	n.a.

¹Includes small quantities of canned tomatoes.

r - revised.

*Preliminary.

VEGETABLE PACKS BY COUNTRY

	1977	1978	1979	1980	1981	1982	r1983	r1984	*1985
1,000 cases, equiv. 24/303's (24 lbs.)									
CANADA									
Asparagus.....	442	524	536	659	629	530	379	473	729
Beans, grn.....	1,724	2,020	1,698	1,808	1,611	1,577	1,752	1,592	1,352
Beans, wax.....	1,571	1,607	1,657	1,574	1,379	1,435	1,416	1,247	1,155
Beets.....	580	n.a.	833	612	531	406	399	670	480
Corn.....	12,276	12,036	12,783	12,650	12,641	12,892	2,526	2,959	3,005
Peas, green.....	3,904	3,121	3,718	3,508	3,080	3,312	2,403	3,860	3,889
Tomatoes.....	3,750	3,893	4,654	4,078	4,948	6,940	4,674	6,762	5,221
Tomato Juice....	11,124	10,599	8,937	7,590	8,821	8,505	7,129	8,727	6,449
Mushrooms.....	457	386	386	543	661	894	735	597	643
FRANCE									
Asparagus.....	274	258	140	96	118	73	85	94	94
Beans, grn. ²	20,139	22,908	19,165	2,065	2,330	1,727	1,268	1,635	1,791
Mushrooms.....	9,104	9,455	9,723	9,605	9,723	11,060	12,181	12,677	13,191
Peas, green.....	20,144	17,888	18,750	12,560	15,582	14,220	17,416	11,161	14,440
Spinach.....	2,124	2,030	1,403	1,903	1,672	2,058	2,315	2,104	2,104
Tomato conc. ³ ...	2,213	4,255	4,077	4,970	4,950	4,593	3,693	4,510	4,878
GERMANY, WEST									
Beans, grn.....	3,452	2,438	3,249	2,284	2,576	2,439	1,603	1,098	2,164
Carrots.....	1,259	1,101	1,080	685	1,075	1,117	645	647	916
Mushrooms.....	205	362	318	409	371	331	469	288	277
Peas, green.....	808	737	805	672	700	1,127	462	450	609
Sauerkraut.....	n.a.	9,221	9,791	8,729	11,724	12,294	10,286	12,077	12,144
ITALY									
Beans, grn.....	3,674	3,476	2,664	2,710	2,480	1,598	1,678	1,598	1,918
Peas, grn.....	5,052	4,966	4,593	4,593	4,593	4,156	4,172	3,596	3,996
Tomatoes.....	60,443	76,885	101,044	97,369	92,777	77,750	101,045	26,233	74,458
Tomato conc.....	11,942	17,959	26,897	27,282	28,017	28,833	34,906	52,001	34,906
Tomato juice....	3,950	4,134	4,225	10,104	2,388	2,205	n.a.	2,030	2,039
PORTUGAL									
Tomato conc....	10,369	9,367	7,879	6,707	5,785	7,040	9,078	10,858	11,539
SPAIN									
Asparagus.....	1,929	1,754	2,140	2,296	2,067	1,791	2,067	3,674	3,491
Tomato conc.....	4,593	3,674	3,491	4,501	3,858	6,246	6,430	n.a.	n.a.
Tomato juice....	459	367	349	367	276	257	n.a.	n.a.	n.a.
UNITED KINGDOM									
Beans, butter...	859	859	937	873	781	n.a.	n.a.	n.a.	n.a.
Carrots.....	8,736	7,513	4,712	5,153	5,778	n.a.	5,152	4,013	4,754
Peas, grn.....	8,960	6,552	5,962	6,099	5,438	n.a.	5,179	5,083	4,256

¹Whole kernel only.

²Prior to 1980, included green beans, string beans and butter beans.

³Includes small quantities of canned tomatoes.

r - revised.

*Preliminary.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section X

CANNED FOOD PRICES

Source: Monthly issues of "Food Production/Management"

Prices given represent the high and low canners spot selling price, f.o.b. factory, subject to customary discounts, including brokerage. Prices per case, unless otherwise noted. The first price (or range) for a given item, in a given year, does not necessarily represent the price for the first of the month indicated, as every effort was made to reflect opening prices. Date of opening prices depends on the season, the area and the market situation. Where no price is shown, no price was listed in the Source.

VEGETABLES

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
ASPARAGUS							
Calif., fcy. all gr. Sp., 24/300							
Mam/Lg March 1	30.00	30.00	32.00	31.80-33.50	31.80-35.00	31.80-35.75	31.80-35.40
Mam/Lg July 1	30.00	30.00	32.00	31.80-35.00	31.80-35.00	31.80-35.40	n.a.
Mam/Lg Oct 1	30.00	30.00	32.00	31.80-35.00	31.80-35.75	31.80-35.40	n.a.
Mam/Lg Jan 1	30.00	30.00	32.00	31.80-35.00	31.80-35.75	31.80-35.40	n.a.
BEANS—GR., SNAP							
East, fcy. cut, 3 sv. 24/303							
Aug. 1	6.25-6.70	6.70	7.00-7.20	6.75-7.20	6.90-7.35	7.50-8.35	7.95
Oct. 1	6.30-6.70	6.90	7.00-7.10	6.50-7.20	7.25-8.35	7.50-8.25	7.95
Jan. 1	6.30-6.50	6.80-7.20	7.00-7.20	6.25-6.90	7.25-8.35	7.85-8.00	7.95
Apr. 1	6.50-6.70	6.90-7.35	7.00-7.20	6.40-6.90	7.60-8.35	8.00-8.10	7.95
East fcy. fr. style, 24/303							
Aug. 1	6.50-6.70	6.75-6.80	7.25-7.50	6.80-7.50	7.40-8.00	7.50-8.50	8.25
Oct. 1	6.50-6.60	6.90-7.00	7.00-7.25	6.75-7.50	7.75-8.75	7.50-8.25	8.25
Jan. 1	6.50-6.60	6.80-7.20	7.00-7.50	6.75-7.50	7.75-8.75	8.25-8.50	8.25
Apr. 1	6.50-6.60	6.80-7.20	6.80-7.50	7.00-7.50	7.50-8.75	8.50	8.25
Midwest ex. std. cut, 3 sv. 24/303 ¹							
Aug. 1	5.80-5.90	5.90	¹ 6.25	¹ 5.50-5.60	¹ 6.35	¹ 7.25	¹ 7.25
Oct. 1	5.90	6.25-6.50	¹ 6.25	¹ 5.35-5.50	¹ 6.25-6.50	¹ 7.00-7.25	¹ 6.50-6.75
Jan. 1	5.80-5.90	5.75-6.25	¹ 5.70-6.25	¹ 5.35-5.75	¹ 6.40-6.50	¹ 7.00	¹ 6.50-6.75
Apr. 1	5.90-6.10	6.20-6.50	¹ 5.60-5.75	¹ 5.35-5.50	¹ 6.50-7.00	¹ 7.25	6.75
South Std. cut 24/303							
Aug. 1	5.75	5.75	6.25	6.00	6.00	6.50	6.25-6.75
Oct. 1	5.75	5.75	6.25	6.00	6.25	6.50	6.25
Jan. 1	5.75	5.75	6.25	6.00	6.25	6.50	6.25
April. 1	5.75	5.75	6.00	6.00	6.25-6.50	6.75	6.00-6.75

¹ 4 sieve.

CANNED FOOD PRICES—Continued

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
N.W. Bl. Lakes fcy. cut 3 sieve							
24/303							
Aug. 1	7.25	6.85-7.10	7.50	6.20-7.30	6.50-7.45	8.00	7.75-7.85
Oct. 1	7.25	6.75-7.10	7.25	5.90-7.30	6.95-8.45	8.00	7.25-7.35
Jan. 1	7.00-7.10	6.75-7.30	7.25	5.90-7.00	6.95-7.70	8.00	7.25-7.35
April 1	6.50	6.60-7.30	7.00	5.80-6.60	7.25-7.70	8.25	6.75-7.35
6/10							
Aug. 1	10.50	9.75-10.15	9.50	7.50-10.50	9.25-9.50	11.50	9.50
Oct. 1	10.50	9.75-10.15	9.50	8.75-10.50	9.75-10.25	11.50	9.25
Jan. 1	10.00-10.25	9.75-10.50	9.50	8.75-10.50	10.00-10.25	11.50	8.75-9.25
April 1	10.25	8.50-10.50	9.00	9.00-9.25	10.75	11.50	7.95-8.75
BEANS (WAX)							
East fcy. cut 3 sieve 24/303							
Aug. 1	6.35-6.65	6.95	7.50	6.50-7.50	7.25-7.70	8.25-8.40	8.00-8.25
Oct. 1	6.75-6.80	6.95	7.30	7.30-7.50	7.50-8.45	8.00-8.25	8.00-8.25
Jan. 1	6.65-6.80	6.95-7.35	6.50-7.50	6.50-7.50	7.50-8.45	8.00-8.25	8.25
April 1	6.80-6.95	6.95-7.35	6.50-7.50	6.75-7.50	8.00-8.45	8.00	8.25
BEANS LIMA (Fr. Gr.)							
East, fcy. Tiny gr. 24/303							
Oct. 1	8.50-9.40	9.50-9.95	10.00-11.00	10.00-11.35	10.00-11.50	10.35-10.75	10.75-11.50
Jan. 1	8.50-9.40	9.50-10.45	10.00-11.20	10.00-11.35	10.00-11.50	10.75	11.00
Apr. 1	8.50	9.75-10.95	10.00-11.20	10.25-11.35	10.00-10.50	10.75-11.50	11.00
July 1	8.50	9.75-10.50	10.00-11.20	10.00-11.35	10.00-10.50	10.75-11.50	n.a.
Midwest fcy., med. gr 24/303							
Oct. 1	8.00-8.50	9.00-9.25	8.75-9.25	9.25	9.00-9.25	9.00-9.75	9.50-9.75
Jan. 1	8.00-8.50	8.50-9.25	9.25	9.25	9.00-9.25	9.35-9.75	9.35-9.75
Apr. 1	8.00-8.50	9.25	9.25	9.25	9.50-9.75	9.35-9.75	9.25-9.75
July 1	8.50	9.25	9.00-9.25	9.00-9.25	9.50	9.25-9.75	n.a.
BEETS							
East, fcy, diced, 24/303							
Oct. 1	5.75	5.95	6.30	6.25	6.60	6.60	6.75
Jan. 1	5.75	5.95	6.05	6.25	6.60	6.60	6.75
Apr. 1	5.75	5.95	6.05	6.25	6.60	7.00-7.25	7.00
July 1	5.95	6.30	6.25	6.60	6.60	7.25	n.a.
Midwest fcy. sl. 24/303							
Oct. 1	6.25	6.10-6.35	6.35	6.15-6.40	6.35-6.85	7.00-7.25	7.25-7.35
Jan. 1	6.25	6.35	6.15-6.35	6.15-6.40	6.35-6.85	6.90-7.50	7.25-7.40
Apr. 1	6.10	5.85-6.35	6.15-6.35	6.15-6.35	6.40-6.75	7.00-7.50	7.40-7.75
July 1	6.10-6.35	5.95-6.35	6.15-6.35	6.25-6.85	6.50-7.25	7.25-8.25	n.a.
CARROTS							
Midwest fcy. diced, 24/303							
Oct. 1	5.25	6.50-6.75	5.75-6.75	6.50	6.50	6.50-6.60	6.50-7.00
Jan. 1	5.10-5.25	6.00-7.10	6.50-6.75	6.50-6.75	6.50	6.50-6.60	6.50
Apr. 1	5.10	6.50-6.75	6.50-6.75	6.50	6.50	6.50	6.50-6.75
July 1	5.10	6.50-6.75	6.50-6.75	6.50-7.50	6.50	6.50	n.a.
Midwest fcy. sl. 24/303							
Oct. 1	6.10	7.00-7.25	7.25	6.75	6.75-7.00	7.00-7.25	6.85-7.25
Jan. 1	6.25-6.80	7.00-7.60	6.90-7.25	6.75-7.25	6.75-7.00	7.00-7.25	7.00-7.50
Apr. 1	6.25	7.00-7.25	6.75-7.25	6.75-7.00	6.75-7.25	7.00-7.25	7.00-7.50
July 1	6.10	7.15-7.25	6.75-7.25	6.75-7.00	6.90-7.25	6.85-7.25	n.a.
CORN-SWEET (C.S. & W.K.)							
Midwest fcy., gold 24/303							
Sept. 1	6.10-6.35	6.75-7.00	8.75-9.00	8.00-8.50	8.25	8.15-8.25	6.25-7.15
Jan. 1	6.00-6.25	7.25-7.75	7.75-8.50	7.50-8.00	8.25	7.50-7.75	6.25-6.90
Apr. 1	6.00	8.50-8.65	8.00	7.25-7.75	8.25	6.75-7.25	6.50-6.75
July 1	6.00-6.25	8.65-8.75	8.00-8.50	8.00	8.25-8.50	6.75	n.a.
6/10							
Sept. 1	9.10-9.25	8.75	11.00-12.00	12.50-13.50	11.50-13.75	10.25-14.00	9.00-11.00
Jan. 1	8.50-9.25	9.50-9.75	11.50-12.00	12.50-14.00	12.00-13.95	9.95-12.25	8.50-11.00
Apr. 1	8.50	10.00-11.25	13.00-13.50	11.50-13.30	12.00-14.25	10.25	8.50-11.00
July 1	8.75-9.00	11.25-12.00	13.00-14.50	11.00-13.50	10.75-14.00	9.25-11.50	n.a.
East, fcy. gold 24/303							
Sept. 1	6.35	7.00-7.35	8.75	8.75-9.30	8.95-9.30	8.50-9.30	7.50-8.25
Jan. 1	6.00-6.25	7.65-8.75	8.75-9.30	8.40-9.30	8.25-9.30	8.00-8.50	7.50-8.00
Apr. 1	6.25	8.90-9.75	8.75-9.30	8.40-9.30	8.25-9.30	8.00	7.50
July 1	6.25	9.30-9.75	8.75-9.30	8.95-9.30	8.50-9.30	7.50-8.25	n.a.

CANNED FOOD PRICES—Continued

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
PEAS, ALASKA							
Midwest fcy., 2 sv., 24/303							
July 1	7.90	8.50	9.00	8.00-8.50	8.25-8.75	9.50-9.75	10.00-10.25
Oct. 1	7.90	8.50	9.00	7.90-8.50	8.75-9.25	10.00	9.00-9.75
Jan. 1	7.90	8.50	8.00-8.75	7.90-8.50	9.25	10.00	9.00-9.25
Apr. 1	7.90	8.75-9.00	8.00-8.50	7.50-7.75	9.50	10.00	8.25-9.00
Midwest Ex. Std., 3 sv., 24/303							
July 1	6.90	7.00	7.50	6.75	7.50-7.75	8.75	8.50-8.75
Oct. 1	7.00	7.00	7.50	6.25-6.50	7.75-8.00	8.75	7.00-7.75
Jan. 1	6.90-7.00	6.10-7.00	6.75-7.75	6.50	8.00-8.25	8.75	7.00-7.75
Apr. 1	6.50	7.15-7.50	6.75	6.50	8.75	8.75	6.00-7.00
6/10							
July 1	9.85-10.25	10.00	10.25-10.50	10.20-10.25	10.75-11.00	13.00-13.25	12.75-13.50
Oct. 1	9.85-10.25	10.00	9.95-10.25	10.25	11.50-12.00	13.25-13.50	10.00-11.00
Jan. 1	9.85-10.25	9.25-10.00	9.75-10.25	10.25-10.50	13.00	13.50-13.75	9.75-10.25
Apr. 1	9.85-10.00	10.25	10.20-10.25	10.75	13.25	13.50-13.75	8.50-9.75
Midwest Std., 4 sv., 24/303							
July 1	6.25	5.75	7.00		6.25	8.10	
Oct. 1	6.25	6.40		5.75		8.10	
Jan. 1	6.25	5.75		5.75		8.10	
Apr. 1	5.75	6.60		5.75			

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CANNED FOOD PRICES—Continued

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
PEAS, SWEET							
Midwest Ung., fcy, 24/303							
July 1	7.25	7.50	8.00-8.25	6.75	7.75	8.75	8.50
Oct. 1	7.25	7.75	8.00	6.50	8.25	8.75	7.00
Jan. 1	7.25	.....	6.75-7.50	6.75	8.50	8.75	7.00
Apr. 1	6.75-7.00	7.75	6.75-7.25	7.00-7.25	8.75	8.75	6.00
Midwest Ung. Ex. Std., 24/303							
July 1	6.75	6.75	7.35-7.50	6.40	7.25	8.50	8.25
Oct. 1	6.75	6.75-7.00	7.50	6.25	7.40	8.50	6.50
Jan. 1	6.75	.....	6.40-6.75	5.95	8.00	8.50	6.50
Apr. 1	6.25-6.50	7.05	6.40-6.75	6.50	.....	8.50	5.75
6/10							
July 1	9.50-9.75	9.75	9.50-9.75	9.75	10.75	12.75	11.25
Oct. 1	9.50	9.75	8.95-9.75	10.25	11.50	12.75	9.50
Jan. 1	9.50-9.75	.....	8.75-9.25	10.25	12.75	13.00	8.75
Apr. 1	9.50	9.00	9.25-9.50	10.75	.....	11.75	7.50
East Ung., ex. std., 24/303							
July 1	6.75-7.00	6.75	7.50	7.00	8.00	8.75-9.25	9.00
Oct. 1	6.75-7.25	7.00	8.00	6.75	8.00	9.00	.....
Jan. 1	6.75-7.25	7.00	7.50	6.50	8.50	9.25	.....
Apr. 1	6.60	7.00	7.50	7.00	8.75	9.25	.....
East Ung. Std., 24/303							
July 1	6.50	6.25	7.00	6.50	7.50	8.00-8.75	8.50
Oct. 1	6.25	6.50	7.25	6.25	7.50	8.75	.....
Jan. 1	6.25	6.50	7.25	6.25	7.75	9.00	.....
Apr. 1	6.25	6.75	6.25	6.50	8.25	9.00	.....
SAUERKRAUT							
Midwest fcy., 24/2½							
Oct. 1	8.35-9.50	8.95-9.00	10.25-10.40	9.75-10.40	9.00-10.00	11.75-13.00	10.25-12.00
Jan. 1	8.75-9.50	9.25-10.00	10.25	9.75-10.25	10.00-11.00	11.50-12.75	10.25-12.25
Apr. 1	8.60-8.75	9.50-10.15	10.25-10.40	10.00-10.25	11.50-11.75	12.00-12.75	10.50-12.25
July 1	8.95	9.75-10.25	10.25-10.40	9.95-10.00	11.50-13.00	11.75-12.75	n.a.
6/10							
Oct. 1	8.00-9.20	8.25-9.00	9.00	8.25-9.00	7.50-8.25	9.75-10.50	8.50-9.50
Jan. 1	8.50-9.20	8.25-9.00	9.00	8.25-8.50	8.50-9.00	9.75-10.25	8.50-9.50
Apr. 1	8.75	9.00-9.50	9.00	8.25-8.50	9.50-10.50	9.75-10.00	9.50-10.50
July 1	8.75	8.50-9.00	9.00	7.95-8.25	9.75-11.00	9.25-10.00	n.a.
N.Y. fcy., 24/2½							
Oct. 1	9.10	8.70	9.50	9.50	9.50	13.00-13.50	10.50
Jan. 1	8.35	8.75	9.50	9.50	13.00	13.00	10.50
Apr. 1	8.35	9.00	9.50	9.50	14.50	13.00	10.50
July 1	8.50	9.35	9.50	9.50	14.50	10.50	n.a.
SPINACH							
Calif., fcy., 24/303							
March 1	7.10	7.10	8.10	7.68-8.40	7.68-8.40	7.68	8.40
June 1	7.10	7.60	8.40	7.68-8.40	7.75-8.40	7.75	8.75
Sept. 1	7.10	7.60	8.40	7.68-8.40	7.75-8.40	8.40	9.00
Jan. 1	6.38	8.10	7.68	7.68-8.40	7.68-8.40	8.40	9.00
24/2½							
March 1	9.95	9.95	11.50	11.18-11.90	11.18-12.50	12.50-13.50	13.50
June 1	9.95	10.75	11.90	10.94-11.90	12.50	11.85	14.00
Sept. 1	9.95	10.75	11.90	11.18-11.90	12.50	13.50	15.00
Jan. 1	8.99	11.50	11.90	11.18-11.90	12.50-13.50	13.50	15.00
6/10							
March 1	7.85	8.35	9.00	9.35	9.35-10.00	9.85	12.00
June 1	7.85	9.00	9.85	8.50	9.85-10.50	9.85	12.00
Sept. 1	7.85	9.00	9.50	9.35	9.85-10.50	9.85-11.00	12.00
Jan. 1	8.35	9.50	9.35	9.35	9.85-10.50	11.00-11.50	12.00
Ozarks, fcy., 24/303							
March 1	6.95	7.10	7.10-7.45	7.45	7.80-8.10	8.10	9.60-9.95
June 1	6.95	7.10	7.45	7.80-8.10	7.80-8.10	8.60	9.60-9.95
Sept. 1	6.95	7.10-7.45	7.45	7.80-8.10	8.00-8.25	8.60	9.60-9.95
Jan. 1	7.10	7.10-7.45	7.45	7.80-8.10	8.30-8.60	8.95	9.60-9.95

CANNED FOOD PRICES—Continued

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
SWEET POTATOES							
East syr. wh., 24/3 sq.							
Oct. 1	14.00	14.00	15.50	15.00	14.50	15.50	15.50
Jan. 1	14.00	14.00	15.50	15.00	14.50	15.50	15.50
Apr. 1	14.00	14.00	15.50	14.50	14.50	n.a.	15.50
July 1	14.00	14.00	15.50	14.50	14.50	n.a.	n.a.
24/2½							
Oct. 1	16.00	16.00	17.50	16.50	16.00	17.00	17.00
Jan. 1	16.00	16.00	17.50	16.50	16.00	17.00	17.00
Apr. 1	16.00	16.00	17.50	16.00	16.00	17.00	17.00
July 1	16.00	16.00	17.50	16.00	16.00	17.00	n.a.
TOMATOES							
Midwest ex. std. 24/303							
Sept. 1	6.65	7.85	9.50	8.95	8.75	8.75	8.50
Jan. 1	6.20-6.30	8.25	9.60	8.75	8.75	8.75	8.50
Apr. 1	6.50	8.75	9.75	8.75	8.75	8.75	8.50
July 1	6.75	9.00	9.75	8.75	8.75	8.75	n.a.
24/2½							
Sept. 1	10.45	11.00-11.50	14.75	14.50	14.25	14.50	14.50
Jan. 1	9.35	13.00	15.00	14.25	14.50	14.50	14.25
Apr. 1	10.50	14.00	15.50	14.25	14.50	14.50	14.25
July 1	10.75	.....	.....	14.25	14.50	14.50	n.a.
6/10							
Sept. 1	9.80	10.90	12.50	12.75	13.00	12.75	11.75
Jan. 1	9.50	11.25	13.00	13.00	12.75	12.50	11.50
Apr. 1	9.75	11.75	13.50	13.00	12.75	12.50	11.50
July 1	10.00	12.00	13.50	13.00	12.75	12.50	n.a.
Calif. fcy. 24/303							
Sept. 1	7.40	8.35	10.70	10.70	18.25-8.50	18.05-8.50	18.25-8.75
Jan. 1 .....	.....	9.35	10.70	10.70	18.75-9.00	17.80-8.25	18.00
Apr. 1 .....	.....	.....	10.70	10.00	18.50	18.26-8.50	18.00
July 1	8.35	10.30	10.70	10.00	18.50-9.00	18.50-8.75	n.a.
Calif. Choice 6/10							
Sept. 1	8.25	10.50-11.00	12.40-12.80	13.80-14.69	13.25	12.75-13.75	9.75-11.00
Jan. 1	7.25-7.75	11.00	13.30	13.80	13.25	12.00	10.00
Apr. 1	8.00-8.75	11.45	13.80	13.25	13.75	12.00	9.50-10.00
July 1	10.25-11.00	11.95	13.80	13.25	13.00-13.75	11.00	n.a.
Calif. Std. 24/303							
Sept. 1	5.75-5.80	6.75-7.00	9.20-9.60	8.88-9.60	7.75	7.25-8.25	7.50-8.00
Jan. 1	5.25	7.90-8.15	9.60	7.93-8.65	8.00	7.06-7.50	7.50
Apr. 1	6.00-6.25	8.40	9.60	7.50	7.75	7.50-7.75	7.50
July 1	7.00	8.80-9.20	9.60	7.50	7.24-7.85	8.00	n.a.
6/10							
Sept. 1	7.00	9.25-9.85	11.40-11.80	12.05-12.80	12.25	11.00	8.50-10.00
Jan. 1	6.25	9.85-10.00	12.30	12.80	12.25	11.00	9.00
Apr. 1	7.00-7.50	10.45	12.80	12.25	12.75	11.00	8.50-9.00
July 1	9.00-9.25	10.95	12.80	12.25	12.00-12.75	10.00	n.a.
TOMATO CATSUP							
Calif. fcy. 24/14 oz. gl.							
Sept. 1	7.60	9.35	10.35	11.50	11.50	11.50	.....
Jan. 1	7.10	9.35	10.95	11.50	11.50	11.50	.....
Apr. 1	8.10	9.85	10.95	11.50	11.50	11.50	.....
July 1	8.60	9.85	10.95	11.50	11.50	11.50	n.a.
6/10							
Sept. 1	8.75-9.00	11.75-12.15	14.80	16.30-17.30	15.00	12.00-13.50	12.95-13.25
Jan. 1	8.25	12.00-12.15	16.30	17.05	15.00	11.50-12.00	12.50
Apr. 1	8.75-9.50	13.90	17.30	15.00	13.50	13.25-13.50	12.50
July 1	11.00	14.40	17.30	15.00	12.50-13.50	13.25-13.50	n.a.
Midwest, fcy. 24/14 oz.							
Sept. 1	7.50	8.25	10.00	10.00	9.75	9.75	9.75
Jan. 1	7.05-7.15	8.50-8.75	10.00	9.75	9.75	9.75	9.75
Apr. 1	7.00-7.75	9.00	10.00	9.75	9.75	9.75	9.75
July 1	7.75	.....	10.00	9.75	9.75	9.75	n.a.
6/10							
Sept. 1	11.50	12.00-12.25	15.25	16.25	15.00	14.25	13.25
Jan. 1	10.50-10.75	12.50-13.00	16.50	15.25	14.75	14.00	12.50-13.25
Apr. 1	10.50-10.75	13.25	16.50	15.25	14.75	14.00	13.25
July 1	10.75	.....	16.50	15.25	14.75	14.00	n.a.

¹Ex. Std.

CANNED FOOD PRICES—Continued

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
TOMATO PASTE							
Calif. Fcy. 96/6z							
Sept. 1	17.50	20.00-21.30	24.30	24.54-25.50	25.50-26.50	23.50-24.60	23.50-25.00
Jan. 1	17.50	20.50-21.30	24.90-25.50	23.54-24.50	26.50	23.50-25.00	23.00
Apr. 1	17.50-18.00	22.80	25.50	24.50	25.06-26.50	23.08-25.00	23.00
July 1	18.50-20.00	24.30	25.50	24.50	24.50-26.50	23.00-25.00	n.a.
6/10-26%							
Sept. 1	14.75-15.00	16.50-17.05	19.95	22.00-24.00	24.10	19.00-21.00	17.50-18.00
Jan. 1	13.50-14.00	17.05	23.10-23.30	24.05-24.10	24.10	18.00-19.00	17.00-18.00
Apr. 1	13.25	17.75-18.50	24.05-24.10	24.10	23.10	19.00	17.00-18.00
July 1	15.00-16.50	19.50	24.05-24.10	24.10	21.00-23.10	18.00-19.00	n.a.
TOMATO PUREE							
Calif. Fcy. 1.06 24/303							
Sept. 1	6.90	8.00	9.60	10.40	10.05	10.00	.....
Jan. 1	6.75	8.10	9.95	9.80	10.30	10.00	.....
Apr. 1	7.00	8.85-9.10	9.10	9.80	10.30	10.50	.....
July 1	7.00-7.60	9.35	10.40	9.80	10.30	10.50	n.a.
6/10							
Sept. 1	7.75	10.50	12.65	13.50-14.90	13.75	11.50-12.50	11.00-11.75
Jan. 1	7.00-7.25	10.25-10.50	14.15-14.40	14.65-14.90	13.75	11.25	11.25
Apr. 1	8.00	10.50-11.00	14.90	13.75	13.25-13.75	11.75	11.25
July 1	9.00-9.75	12.25	14.90	13.75	13.00-13.75	11.25-11.75	n.a.
TOMATO JUICE							
East fcy. 12/46 oz.							
Sept. 1	6.25	6.25-6.75	8.50	8.25	³ 8.00	³ 8.75	³ 7.50
Jan. 1	6.25-6.75	7.75	8.50	8.00	³ 7.50	³ 7.50	³ 7.25
Apr. 1	6.25-6.75	9.75	8.75	9.50	³ 8.25	³ 8.25	³ 7.50
July 1	6.25-6.75	8.50	8.75	.....	³ 8.25	³ 8.25	n.a.
Calif., fcy. 12/46 oz.							
Sept. 1	5.90	6.80	8.35	7.88-8.00	8.00-8.25	7.77-7.80	7.50
Jan. 1	5.65-6.00	6.70-6.80	8.60	7.52-8.00	8.25	7.75	7.75
Apr. 1	5.65-5.90	7.45	8.60	7.75	7.77-8.25	7.75	7.75
July 1	6.40	7.70	8.60	7.75	8.25-8.40	7.75	n.a.
FRUITS							
APPLE SAUCE							
East, fcy. 24/303							
Oct. 1	6.80-7.00	7.00	¹ 8.50-9.00	¹ 8.50-9.50	¹ 8.50	¹ 8.50	¹ 8.50
Jan. 1	6.80-6.95	7.00	¹ 8.50-9.00	¹ 8.50-9.50	¹ 8.40	¹ 8.50	¹ 8.50
Apr. 1	6.80	7.00	¹ 8.50-9.25	¹ 8.50-9.50	¹ 8.50	¹ 8.50	¹ 8.50
July 1	6.80	7.40	¹ 8.50-9.25	¹ 8.50	¹ 8.50	¹ 8.50	n.a.
6/10							
Oct. 1 .....	.....	.....	¹ 10.75-11.25	¹ 10.75-11.80	¹ 10.75	¹ 10.75	¹ 10.75
Jan. 1 .....	.....	.....	¹ 10.75-11.25	¹ 10.75-11.25	¹ 10.75	¹ 10.75	¹ 10.75
Apr. 1 .....	.....	.....	¹ 10.75-11.25	¹ 10.75-11.25	¹ 10.75	¹ 10.75	¹ 10.75
July 1 .....	.....	.....	¹ 10.75-11.25	¹ 10.75	¹ 10.75	¹ 10.75	n.a.
APRICOTS							
Calif. choice, halves							
24/2½							
July 1	16.40	17.15	18.95	20.55-21.05	21.55	22.75-23.95	21.95
Oct. 1	16.40	17.43-18.15	20.00	21.05	23.00	22.75-23.95	20.75-21.95
Jan. 1	16.40	17.43-18.15	20.55	21.05	23.25	23.95	21.95
Apr. 1	17.15	18.15	20.55	21.05	23.25-23.95	23.95	21.95
6/10							
July 1	16.90	18.25	18.25	20.65	21.25	22.25-23.00	21.00
Oct. 1	17.75	17.75-18.25	19.00	20.50	22.00	22.25-23.00	20.00-21.00
Jan. 1	17.75	17.75-18.25	20.15	20.50-20.65	22.50	23.00	20.00
Apr. 1	17.75	18.25	20.00-20.15	20.50	22.50-23.00	23.00	20.00
FRUIT COCKTAIL							
Calif. fcy.							
24/2½							
Sept. 1	15.50	17.15	18.10	18.80	² 18.85	² 19.00-20.25	² 19.90-21.10
Jan. 1	15.50-16.25	16.75-17.50	18.80	.....	² 19.25-19.50	² 21.10	² 21.10
Apr. 1	17.00	.....	18.80	.....	² 19.50-20.25	² 21.10	² 19.50-21.10
July 1	17.00	18.10	18.80	18.55	² 19.05-20.25	² 21.10	n.a.
6/10							
Sept. 1	16.50-16.75	17.40	.....	17.90	² 17.00	² 17.75-18.50	² 18.75-19.75
Jan. 1	17.25	16.25-17.40	17.90	.....	² 17.50-18.00	² 19.25	² 18.50-18.75
Apr. 1	17.40	.....	17.90	.....	² 18.00-18.50	² 19.75	² 17.75-18.75
July 1	17.90	.....	17.90	16.25	² 17.75-18.50	² 18.75-19.75	n.a.

¹West. ²Choice. ³Mid West.

CANNED FOOD PRICES—Continued

PEACHES	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Calif., ch. cling							
24/2½							
Sept. 1	13.05	13.50-13.80	14.50-14.90	14.40-15.60	16.20	16.40-17.60	17.25-17.95
Jan. 1	12.33	13.54-14.50	15.60	14.60-15.60	16.85	18.45	17.95-19.25
Apr. 1	13.80	13.50-14.50	14.50-15.60	15.10	16.85-17.60	18.45	17.50-18.45
July 1	13.80	14.50	14.50-15.60	15.60	17.60	17.95-18.45	n.a.
6/10							
Sept. 1	12.75-13.50	14.25-14.50	14.25-14.50	12.50-14.50	15.50	16.25-17.00	17.00-17.25
Jan. 1	14.00	13.50-14.25	14.25-14.50	13.00-14.50	16.50	17.75	15.20-15.75
Apr. 1	14.00	14.25	14.15-14.50	13.50	16.50-17.00	18.25	14.75-15.00
July 1	14.00-14.50	14.25	12.50-14.50	14.25	17.00	18.00-18.25	n.a.
Calif., Freestone fcy.							
24/2½							
Sept. 1	15.00	15.75	16.00-16.25	14.80-16.25	16.45	16.25-17.45	18.00-19.20
Jan. 1	15.00	15.04-15.75	15.50	14.80-16.25	16.70	19.20	19.20
Apr. 1	14.28-15.10	15.10-15.75	15.50-16.25	15.35	16.70	19.20	19.20
July 1	15.75	16.00-16.25	15.04-16.25	15.85	17.45	19.20	n.a.
6/10							
Sept. 1	14.35-14.80	15.50	15.50	14.30-15.55	15.30-15.80	16.05-16.80	17.05-18.05
Jan. 1	15.55	15.50	14.80-15.55	14.40-15.55	16.30	17.55	17.80-18.05
Apr. 1	15.50-15.55	15.50-15.80	14.80-15.55	14.80	16.30-16.80	18.05	17.80-18.05
July 1	15.50	15.50	14.80-15.55	.....	16.80	17.80-18.05	n.a.
PEARS							
Calif., Bart fcy.							
24/2½							
Sept. 1	16.30	15.43-15.80	15.50-17.35	15.00-16.50	15.75-16.85	18.60-19.35	20.00-20.60
Jan. 1	.....	15.99-16.95	15.00-17.35	15.00-15.25	18.35-18.60	20.20	18.75-19.25
Apr. 1	.....	17.05	15.00-15.25	15.25-15.75	18.60-19.35	20.20	18.75-19.75
July 1	.....	15.50-17.05	15.25-16.50	15.75-16.25	19.35	20.00-20.60	n.a.
Choice 6/10							
Sept. 1	16.50	16.30	14.50-16.30	13.00-13.75	13.60-15.25	15.50-16.25	19.00
Jan. 1	16.30	14.50-16.30	13.50-16.30	13.00-14.00	15.25-15.70	17.75	19.00
Apr. 1	16.30	17.10	12.50-14.00	13.50-14.50	15.75-16.25	18.25	17.00-17.25
July 1	16.30	14.50-16.30	14.00-14.50	13.50-14.50	16.25	19.00	n.a.
PLUMS (PURPLE)							
N.W. fcy. 24/2½							
Sept. 1	11.25	11.75	12.00-13.50	10.50-12.00	13.50	16.75	18.00-18.25
Jan. 1	12.00	12.35-13.50	12.00-13.50	10.50-12.00	14.75-15.00	18.25-18.50	16.25
Apr. 1	12.00	12.00-13.50	12.00-13.50	9.50-11.75	14.75-15.00	18.25-18.50	16.25
July 1	11.75	13.50-14.00	10.50-12.00	9.50-13.50	15.00	18.25-18.50	n.a.
6/10							
Sept. 1	9.60-10.00	10.35	11.50-11.85	9.15-10.90	11.85	13.75	15.25-15.75
Jan. 1	9.85	10.75-11.85	10.05-11.85	9.25-11.00	12.25-12.50	15.75	14.00
Apr. 1	9.85	11.00-11.85	10.05-11.85	8.75-10.50	12.25-12.75	15.75	14.00
July 1	10.35-10.50	11.85	9.15-10.90	8.75-11.85	13.75	15.75	n.a.
¹ Choice.							
FISH							
SALMON							
Alaska Red, 48/15½ oz.							
Sept. 1	105.00	102.00	102.00	120.00	105.00	100.00-105.00	106.00-115.00
Jan. 1	106.00	110.00	104.00	126.00	98.00	96.00	110.00-120.00
Apr. 1	106.00	106.00	104.00	128.00	100.00	88.00	130.00-150.00
July 1	102.00	112.00	104.00	100.00	100.00-104.00	88.00-100.00	n.a.
Pink, 48/15½ oz.							
Sept. 1	72.00	76.00	74.00	70.00	68.00	68.00-70.00	60.00-64.00
Jan. 1	76.00	80.00	78.00	70.00	67.00	60.00	56.00-60.00
Apr. 1	76.00	78.00	68.00	68.00	68.00	58.00	55.00-58.00
July 1	75.00	88.00	62.00	66.00	68.00-70.00	58.00	n.a.
Chum, 48/15½ oz.							
Sept. 1	68.00	72.00	66.00	60.00	64.00	60.00-62.50	54.00-60.00
Jan. 1	70.00	74.00	68.00	60.00	62.00	55.00	54.00-56.00
Apr. 1	70.00	74.00	56.00	60.00	62.00	52.00	.....
July 1	n.a.	76.00	50.00	60.00	62.00-68.00	52.00	n.a.
TUNA							
Fcy. wh. meat 48/½'s							
Sept. 1	42.50	50.50	55.00	50.00	45.25	44.00	42.50
Jan. 1	44.50	52.50-59.00	56.00	51.00	44.00	44.00	42.50
Apr. 1	47.50	52.50	51.00	46.00	44.00	42.50-44.00	42.50
July 1	47.00-55.00	55.00	51.00	45.25	44.00	42.50	n.a.
Fcy. Lgt. meat 48/½'s							
Sept. 1	36.50	43.50	45.00	40.00	38.00	36.00	34.00
Jan. 1	39.50	44.50-54.00	44.00	38.00	36.00	35.00	34.00
Apr. 1	42.50	44.00	42.00	36.00	36.00	34.00-35.00	34.00
July 1	38.00-45.00	45.00	42.00	35.00	36.00	34.00	n.a.

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Section XI

APPENDIX

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METRIC SYSTEM EQUIVALENTS (SELECTED)

(Source: U.S. Department of Commerce, National Bureau of Standards,
Misc. Pub. 286; Courtesy National Canners Assn. Div. of International Trade)

UNITS OF CAPACITY, OR VOLUME, LIQUID MEASURE

1 Gallon	=	128 fl oz	=	3.785 411 784 liters exactly
1 Quart	=	32 fl oz	=	0.946 352 946 liter exactly
1 Pint	=	16 fl oz	=	0.473 176 473 liter exactly
1 Fluid Ounce	=		=	0.029 573 53 liter
			=	2.957 353 cL*
			=	29.573 53 mL*
1 Hectoliter	=	100 liters	=	26.417 205 2 gallons
			=	105.668 82 quarts
1 Liter	=	1,000 mL*	=	.264 172 052 gallon
		100 cL*	=	1.056 688 2 quarts
			=	33.814 02 fl oz
1 Centiliter	=	.01 liter	=	0.338 140 2 fl oz
1 Milliliter	=	.001 liter	=	0.033 814 02 fl oz

UNITS OF MASS

1 Long Ton	=	2,240 lbs.	=	1,016.046 908 8 kg exactly
1 Short Ton	=	2,000 lbs.	=	907.184 74 kg exactly
1 Cental (cwt)	=	100 lbs.	=	45.359 237 kg exactly
1 Pound (lb)	=	16 oz.	=	453.592 37 g (exactly)
1 Ounce (oz.)	=		=	28.349 523 125 g (exactly)
1 Metric Ton	=	1,000 kg	=	0.984 206 5 Long Ton
			=	1.102 311 3 Short Tons
			=	2,204.623 lbs.
1 Kilogram	=	1,000 g	=	2.204 623 lbs.
			=	35.273 96 oz.
1 Gram	=		=	0.035 273 96 oz.

UNITS OF LENGTH

1 Mile	=	5,280 feet	=	1,609.344 meters exactly
		1,760 yards	=	1.609 344 km exactly
1 Yard	=	3 feet	=	0.914 4 meter exactly
		36 inches	=	91.44 cm exactly
1 Foot	=	12 inches	=	0.034 8 meter exactly
			=	30.48 cm exactly
1 Inch	=	1.0 inch	=	2.54 cm exactly
1 Kilometer	=	1,000 m	=	0.621 37 mile
1 Meter	=	100 cm	=	1.093 613 yards
			=	3.280 840 feet
			=	39.370 08 inches
1 Centimeter	=	10 mm	=	0.393 700 8 inch
		.01 m		
1 Millimeter	=	.001 m	=	0.039 370 08 inch

UNITS OF AREA

1 acre	=		=	0.404 685 642 24 ha exactly
1 hectar	=		=	2.471 054 acres

TEMPERATURE CONVERSION

$$\begin{aligned}\text{Temp } ^\circ\text{C} &= (\text{Temp } ^\circ\text{F} - 32) \div 1.8 \\ 240^\circ\text{F} &= 116^\circ\text{C} \\ 0^\circ\text{F} &= -18^\circ\text{C}\end{aligned}$$

$$\begin{aligned}\text{Temp } ^\circ\text{F} &= 1.8 (\text{Temp } ^\circ\text{C}) + 32 \\ 110^\circ\text{C} &= 230^\circ\text{F} \\ 0^\circ\text{C} &= 32^\circ\text{F}\end{aligned}$$

*May appear as "ml" in other countries.

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FARM AND PROCESSED WEIGHT EQUIVALENTS

Source: Economics, Statistics, and Cooperatives Service, U.S. Dept. of Agriculture

NOTE: Relationships between farm and processed weights for most commodities vary widely from season to season and between localities. Factors shown in this table represent average relationships for all producing areas.

CANNED VEGETABLES	Pounds farm weight		Pounds canned from pounds farm weight	Cases canned per ton farm weight ¹			Cases 24/303's from pounds canned	Net weight per case* 24/303's
	From pounds canned	From case of 24/303's		24/303's	24/2½'s	6/10's		
	Pounds			Cases			Pounds	
Asparagus	1.220	28.57	0.819	70	39.5	43.2	.00427	23.4
Lima beans ²	.625	15.38	1.599	130	73.4	80.2	.0407	24.6
Snap beans	.712	16.67	1.404	120	67.8	74.1	.0427	23.4
Beets	1.290	31.75	.755	63	35.6	38.9	.0407	24.6
Carrots	1.333	32.79	.750	61	34.5	37.7	.0407	24.6
Corn:								
Cream style	2.033	50.00	.492	40	22.6	24.7	.0407	24.6
Whole grain	2.538	62.50	.394	32	18.1	19.8	.0407	24.6
Mushrooms	1.403	34.48	.713	58	32.8	35.8	.0407	24.6
Okra	1.030	24.10	.971	83	46.9	51.2	.0427	23.4
Peas ³	.739	18.18	1.353	110	62.1	67.9	.0407	24.6
Pimientos	2.410	57.14	.415	35	19.8	21.6	.0422	23.7
Potatoes, white	1.572	37.74	.636	53	29.9	28.7	.0417	24.0
Pumpkin and squash ...	2.710	66.67	.369	30	16.9	18.5	.0407	24.6
Sauerkraut	1.859	43.48	.538	46	26.0	28.4	.0427	23.4
Spinach	.901	20.00	1.110	100	56.5	61.7	.0450	22.2
Sweetpotatoes	1.292	30.77	.784	65	36.7	40.1	.0420	23.8
Tomatoes	1.553	36.36	.644	55	31.1	34.0	.0427	23.4
Tomato catsup ²	2.457	66.67	.407	30	17.1	18.6	.0369	27.1
Tomato juice	1.527	36.36	.655	55	31.1	34.0	.0420	23.8
Tomato paste ³	5.432	142.86	.184	14	8.0	8.7	.0380	26.3
Tomato puree ⁴	3.247	80.00	.308	25	14.2	15.5	.0407	24.6
Pickles	.744	17.86	1.344	112	63.8	69.4	.0416	30.0

¹Basic figure is yield of 24/303's per ton. One case 24/303's is equivalent to 0.57 cases 24/2 ½'s and 0.62 cases 6/10's. ²Shelled basis. ³33 percent solids. ⁴11 percent solids.

CANNED FRUITS	Pounds farm weight		Pounds canned from pounds farm weight	Cases canned per ton farm weight ¹			Cases 24/2½'s from pounds canned	Net weight per case* 24/2½'s
	From pounds canned	From case of 24/2½'s		24/303's	24/2½'s	6/10's		
	Pounds			Cases			Pounds	
Citrus salad	2.096	91.32	0.477	38.8	21.9	23.8	.02299	43.5
Grapefruit sections	2.020	87.72	.495	40.3	22.8	24.8	.02299	43.5
Orange sections	2.222	96.62	.450	36.6	20.7	22.5	.02299	43.5
Apples	1.859	72.46	.538	48.6	27.6	30.0	.02564	39.0
Applesauce	1.250	53.90	.800	65.6	37.1	40.5	.02299	43.5
Apricots	.694	31.25	1.440	113.3	64.0	69.9	.02222	45.0
Berries:								
Blackberries	.646	28.09	1.549	125.0	71.2	77.5	.02299	43.5
Blueberries	.836	36.36	1.196	97.4	55.0	60.1	.02299	43.5
Boysenberries	.694	29.24	1.440	120.0	68.4	74.4	.02299	43.5
Gooseberries	.595	25.06	1.680	140.0	79.8	86.8	.02299	43.5
Loganberries	.654	29.24	1.530	120.00	68.4	74.4	.02299	43.5
Raspberries	.641	26.99	1.560	130.00	74.1	80.6	.02299	43.5
Strawberries	.725	30.49	1.380	115.0	65.6	71.3	.02299	43.5
Cherries:								
Red tart-pitted	1.055	45.87	.948	76.8	43.6	47.4	.02299	43.5
Sweet-pitted	1.022	44.44	.979	79.6	45.0	49.0	.02299	43.5
Sweet-untipped	.707	30.77	1.414	115.0	65.0	70.8	.02299	43.5
Cranberries	.388	16.31	2.580	*215.0	122.6	133.3	.02083	48.0
Figs	.654	29.41	1.530	120.4	68.0	74.1	.02222	45.0
Fruit cocktail	.889	40.00	1.125	88.5	50.0	54.5	.02222	45.0
Fruits for salad	.889	40.00	1.125	88.5	50.00	54.5	.02222	45.0
Olives ²	.945	25.51	1.058	138.6	78.4	85.4	.03704	27.0
Peaches:								
Clingstone	.836	36.36	1.196	97.4	55.0	60.1	.02299	43.5
Freestone	1.022	44.44	.979	79.6	45.0	49.0	.02299	43.5
Pears	1.000	43.48	1.000	81.4	46.0	50.1	.02299	43.5
Pineapple	1.709	76.92	.585	46.0	26.0	28.3	.02222	45.0
Plums, fresh	.663	29.85	1.508	118.6	67.0	73.0	.02222	45.0

¹Basic figure is 24/2's for citrus; 24/303's for applesauce and berries; 6/10's for apple slices and red tart cherries; 24/300's for cranberries; and 24/2 ½'s for other products. ²Basis 24 cases of No. 300's. ³Drained weight. ⁴Actual weight of food inside the cans, including packing medium, if any.

FARM AND PROCESSED WEIGHT EQUIVALENTS—CONTINUED

FRUIT JUICES	Approximate brix	Equivalent farm weight per gallon	Gallons per unit of farm weight		Net weight per gallon
	Degrees	Pounds	Box ¹	Ton	Pounds
Apple:					
Single strength	13	12	n.a.	170	8.8
Frozen 3 to 1 concentrate	45	47	n.a.	43	10.0
Citrus fruits: ²					
Orange					
Single strength juice	12	16	5.5	122	8.7
Frozen concentrate	45	69	1.3	29	10.0
Grapefruit					
Single strength juice	10	18	4.7	110	8.7
Frozen concentrate	40	83	1.0	24	9.8
Lemon					
Single strength juice	(³)	26	2.9	76	n.a.
Nonfrozen concentrate	(³)	112	.7	17.9	n.a.
Concentrate for lemonade	(³)	18	4.2	110	n.a.
Grape:					
Single strength	16	11	n.a.	175	8.9
Frozen concentrate	50	40	n.a.	50	10.3
Pineapple:					
Single strength	14	15	n.a.	133	8.8
4 to 1 concentrate	61	75	n.a.	27	10.8
3 to 1 concentrate	50	60	n.a.	33	10.3
Prune (from fresh prunes):					
Single strength	31	13	n.a.	155	9.4
1 1/2 to 1 concentrate	73	32	n.a.	62	11.4

n.a. - Not available. ¹Oranges, 90 pounds; grapefruit, 85 pounds; lemons, 76 pounds. ²Orange and grapefruit products based on Florida yields; lemons on California. ³Lemon product yields are based on a standard ton containing 36.5 pounds of anhydrous citric acid.

Factors for converting to				Factors for converting to			
FROZEN FRUITS	% recovery	Farm weight from frozen weight ¹	Frozen weight from farm weight ¹	FROZEN VEGETABLES	% recovery	Farm weight from frozen weight ¹	Frozen weight from farm weight ¹
Apples	60	1.67	.60	Asparagus	52	1.92	.52
Apricots	78	1.10	.91	Lima beans (shelled) ..	95	1.05	.95
Berries				Snap beans	85	1.18	.85
Blackberries	95	1.05	.95	Broccoli	75	1.33	.75
Blueberries	97	1.03	.97	Brussels sprouts	75	1.33	.75
Boysenberries	88	1.14	.88	Cauliflower	70	1.43	.70
Gooseberries	97	1.03	.97	Corn, cut	27	3.70	.27
Loganberries	88	1.14	.88	Carrots	55	1.82	.55
Raspberries	95	1.05	.95	Okra	85	1.18	.85
Strawberries	93	.89	1.12	Peas, green (shelled) ..	92	1.09	.92
Cherries, sour	75	1.11	.90	Peas, southern	50	2.00	.50
Cherries, sweet	85	1.18	.85	Potatoes, white	40	2.50	.40
Grapes	85	1.18	.85	Peppers, sweet	70	1.43	.70
Peaches	67	1.25	.80	Spinach	70	1.43	.70
Pineapples	50	1.60	.625	Other greens	75	1.33	.75
Prunes	85	1.18	.85	Squash	55	1.82	.55
				Sweetpotatoes	50	2.00	.50

¹Frozen weight is weight of frozen fruit plus sugar content. Fruit to sugar ratio used in this computation: Apricots 6 to 1; Strawberries, sour Cherries, Peaches 5 to 1; Pineapples 4 to 1; other fruits 0. Ratio does not apply to vegetables.

APPROXIMATE CASE SHIPPING WEIGHTS—POUNDS*
(Corrugated Fibre Cases Unless Otherwise Specified)

FRUITS	24/8	36/8	24/1T	24/303	24/2	24/2½	48/8	48/1T	6/10
Apples, sl.	..	..	..	..	..	..	..	..	45
Apple Sauce ¹	16	..	..	30	..	53	33	..	47
Cherries, Dk. Sw. Unpt.	17	..	..	32	..	..	..	..	49
Cherries, Royal Anne	17	..	..	31	..	..	..	..	49
Cherries, R.S.P.	..	..	..	30	..	..	..	..	45
Crabapples, gl. (Mich.)	..	..	..	40	..	32	..	..	47
Figs, Kodota, W.C.	..	..	..	..	..	..	..	..	48
Fruit Pie Filling ⁴	..	..	..	..	..	..	..	..	..
Grape Fr. or Citrus Salad ⁵ ...	16½	..	..	30½	..	..	33	..	..
Peaches, Spiced, W.C.	..	..	..	..	..	55	..	..	48
Pineapple ⁶	..	..	..	..	..	..	..	..	..
Plums, (Mich.)	17	..	..	31	..	53	..	..	48

Other West Coast Fruits

Fcy-ex. heavy sirup	17	..	32	32	39	54	34	63	48
Choice-heavy sirup	17	..	31	31	38	53	33	63	47
Std. light sirup	16	25	30	30	37	52	32	61	46
Water	16	25	30	30	36	51	32	60	45
Seconds	..	..	..	..	..	52	..	..	46
Jams ⁹ , Jellies ¹⁰ , Preserves ¹¹ ..	..	..	..	..	..	..	..	..	..

*Weights vary slightly according to local and individual canner practice.

¹12/35 oz. glass-37; 24/15 oz. glass-34. ²12/2½. ³Tin. ⁴12/2's-20; W.C.—West Coast. ⁵12/46 oz.-45½. ⁶Pickled peaches (Georgia) 12/2½ gl.-34. ⁷Whole spiced Kieffer. ⁸24/2 cr., sl., chunks-38; 24/2½ sl.-54; chunks-56; 48/8 crushed-34; 24/303 crushed-32; 48/1F sliced-35 (W.C. 33); No. 10: crushed in juice (PR) 47, (H) 46, in syrup 49; sliced, fcy or choice, W.C. 49, East & South in ex. hvy. Syrup, South & East, fcy 48, choice 47, in juice or water 47; chunks fcy W.C. 49, in syrup (H) 47, (P.R.) 48, in juice or water 46; med. or coarse cut in juice or water 47; Tidbits, fcy W.C. 48, East & South in syrup 47, in juice 46. ⁹6/10-59. ¹⁰12/10 oz.-12, 12/20 oz.-24. ¹¹12/12 oz.-15, 12/18 oz.-22.

JUICES	48/6	24/303	24/2	12/29	12/32	12/46	6/10
Apple W.C.	..	..	..	30	..	..	..
Citrus	25	..	36	29	..	44	..
Pineapple	..	..	37	..	..	44	45-46
Pineapple blends	..	..	..	29	..	44	..
Tomato	*25½	28	36	..	..	43-44	45

*48/5½ oz.-23; 72/8 oz.-47; 24/300-27½; 48/300-54.

VEGETABLES	24/8	48/8	24/12 Vac.	24/Pic.	48/Pic.	24/300	24/303	24/2½	6/10
Asparagus, W.C.	16½	32	..	20	40	28	..	..	46
Asparagus, Other	17	..	..	20	..	28	..	..	46
Beans, gr. or wax	17	33	..	..	..	..	30	53	46
Beans, Blue Lake	..	..	..	..	..	..	30	..	45½
Beans, Lima	16	33	..	..	..	..	30	..	46½
Beans, Lima, Fordhook	..	..	..	..	..	..	29	..	..
Beets ¹	17	33	..	..	..	..	30	..	47
Carrots ²	17	33	..	..	..	..	31	..	46
Corn, c.s. or w.k. ³	17	33	25	..	..	..	31	..	47
Kraut	17	..	..	..	..	..	30	51	45
Peas	17	33	..	..	..	..	31	..	47
Peas & Carrots	17	..	..	..	..	..	31	..	46
Pimentos ⁴	..	..	..	..	..	..	..	..	..
Potatoes, Wh.	..	..	..	..	..	..	30	..	48
Pumpkin	..	..	..	..	..	..	31	54	46
Pumpkin Pie Mix	..	..	..	..	..	..	33	..	..
Spinach ⁵	..	..	..	..	40	..	29	49	43
Succotash, c.s. or w.k.	16	..	..	..	..	..	31	..	47
Tomatoes ⁶	..	..	..	..	..	..	30	52	45
Tom. Puree 1.045	15	..	..	..	..	..	..	..	46
Tom. Puree 1.06	..	..	..	..	..	..	..	..	46
Tom. Puree 1.07	..	..	..	..	..	..	..	..	47
Tom. Paste 26%	..	..	..	..	..	..	..	..	48
Tom. Paste 30%	..	..	..	..	..	..	..	..	47½
Tom. Sauce ⁷	..	..	..	..	..	..	..	..	45
Turnip Greens ⁸	..	..	..	..	..	..	30	50	43
Vegetables, Mixed	17	33	..	..	..	..	31	..	47

W.C.—West Coast. ¹Harvard or Pickled, glass 12/16-22. ²12/16 oz. glass-21. ³12/404 (12T) on cob-26. ⁴Whole (Tin) 24/4 oz.-9½; 24/7 oz.-14; 48/7 oz.-28; 24/2½ oz.-13; 24/7 oz.-20. ⁵West Coast—24/8-15½; 24/303-29½; 24/2½-50; 48/pic-38½; 6/10-43½. ⁶24/303 Stewed tom.-30. W.C.—24/303-29½; 24/2½-51½; 6/10-43; 24/1 Tom. aspic-21. ⁷72/8 oz.-44. ⁸24/2-35.

APPROXIMATE CASE SHIPPING WEIGHTS—CONTINUED

PICKLES	24/8	12/12	24/12	12/16	24/16	12/22	12/32	6/10	6/64	4/Gal
Fresh Pack Dill	..	..	..	..	..	..	38	..	..	..
Fresh Polish Dill	..	..	..	..	..	..	38	..	..	..
Fresh Pack Kosher Dill	..	..	..	..	..	..	..	38	..	..
Fresh Cucumber Chips	..	..	..	22	..	..	..	..	..	..
Sweet	..	18	..	21	..	29	40	..	..	..
Sweet Gherkins	26	19	..	..	..	..	..	51	..	..
Sweet Chips	..	19	..	..	..	32	..	51	..	..
Sweet Mixed	..	19	..	..	..	31	..	..	..	..
Dill	..	17	..	20	..	28	38	..	..	46
Dill Hamburger Slices	..	17	..	..	..	28	38	46	..	48
Kosher Dill	..	17	..	20	..	28	38	..	..	..
Jour	..	17	..	..	..	28	..	..	..	..
Sweet Relish	26	18	..	21	..	29	..	52	..	50

SPECIALTIES	12/12	24/12	24/14	12/20	24/20	6/10
Catsup, fancy	..	..	37	39	49	50
Catsup, ex. Std.	..	..	39	..	48	48½
Chili Sauce	16½-17	..	..	..	..	49

	24/8	48/8	24/300	48/1	48/300	24/2	24/2½	6/10
Beans, Tom/Sauce	..	32	..	..	58	38	54	48
Beans, butter	16	..	27½	..	..	..	..	..
Beans, Dark Kid.	16	31	28	..	..	..	..	47
Beans, Lgt. Kid.	..	31	28	..	..	..	..	48
Beans, Other, Kid.	14	..	27½	..	..	..	..	48
Chili Con Carne w/beans	16	..	29	..	..	..	..	..
Chili Con Carne, Plain	15	..	28	..	..	..	..	..
Hominy	..	..	28	..	56	37	53	46
Pork & Beans	..	31	..	41	57	38	55	48
Spaghetti in Tom. Sauce	16	..	..	..	..	..	..	..

FISH	48/1/2	48/1T	24/1 oval	48/1 oval	100/1/4
Salmon	33	62	..	..	..
Sardines	..	..	30	61	37
Tuna, fcy.	28	..	..	..	..
Tuna, Grated	26	..	..	..	..

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GOVERNMENT PURCHASES—SPECIFIED CANNED FOODS MILITARY

Source: Fr. & Veg. Br., Contr. & Prod. Div., Dir. of Subsistence, Defense Personnel Support Center

PACK YEAR	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Asparagus.....	8.3	.....	65.5	19.1	26.8	.....	037.8	23.3	43.2	21.4
Beans, Gr. & Wax..	242.3	338.7	370.6	367.0	450.7	340.4	357.7	421.7	263.9	399.3
Beans, Lima.....	44.6	82.5	85.7	74.8	91.5	91.9	72.7	81.7	55.1	73.1
Bean Sprouts.....	11.3	55.9	27.9	51.9	80.6	75.4	51.3	24.2	65.4	62.7
Beets.....	75.1	98.2	152.4	191.0	122.4	86.5	108.9	152.1	138.0	78.6
Carrots.....	68.8	129.9	118.5	125.0	107.5	95.2	118.2	132.9	114.8	109.6
Catsup.....	252.8	384.9	424.5	442.4	499.0	471.9	342.3	525.9	384.9	428.7
Chili Sauce.....	46.4	21.2	36.3	28.2	26.8	15.6	44.1	26.3	27.5	24.6
Corn.....	167.8	441.7	421.6	465.1	402.2	488.2	389.9	278.1	423.7	263.2
Mushrooms.....	84.1	70.4	83.7	83.8	90.5	113.8	98.7	57.6	63.5	81.8
Peas.....	136.2	164.8	112.0	211.3	201.9	191.2	159.4	226.3	240.8	162.3
Pimientos.....	34.1	13.1	31.7	38.8	27.5	17.6	31.3	17.5	18.2	30.7
Potatoes, Sweet...	90.7	99.8	136.9	107.1	155.4	173.5	124.8	120.4	162.1	113.4
Pumpkin & Squash	19.6	.....	16.0	17.0	7.4	10.0	10.4	12.7	15.9	11.7
Sauerkraut.....	53.0	88.2	30.9	52.0	64.0	82.5	40.9	59.3	60.8	33.6
Spinach.....	37.0	68.6	51.7	101.6	57.2	36.9	32.2	62.7	25.1	58.4
Tomatoes.....	349.1	793.7	518.2	518.4	532.6	583.8	425.3	676.5	517.1	576.2
Tomato Paste.....	15.8	66.1	115.1	89.2	129.6	129.9	118.8	149.4	197.2	154.7
Total these items..	1,737.0	3,109.8	2,799.4	2,983.9	3,073.4	3,004.3	2,564.7	3,048.6	2,818.2	2,684.0

CANNED FRUITS—Thousands of Cases, Equiv. 24/2½

Apples.....	37.7	44.5	65.3	37.6	29.9	29.3	30.6	22.1	0	33.7
Applesauce.....	55.6	57.9	80.3	86.3	89.7	54.9	84.9	37.1	56.9	47.6
Apriots.....	32.5	41.4	43.8	57.8	62.6	20.8	38.6	5.7	4.5	34.5
Blackberries.....	1.9	2.1	.....	.....	7.2	.....	2.3	0	0	.....
Blueberries.....	.8	.....	.....	.....	.....	.....	0.0	0	0	.....
Cherries, RSP.....	.....	.....	.....	30.6	7.9	.....	0.0	0	0	9.1
Cherries, Sweet...	2.4	9.4	15.0	11.6	12.7	6.3	5.9	6.8	4.8	8.3
Cranberry sauce..	59.4	61.3	63.0	39.2	56.2	33.0	37.8	48.4	33.6	38.2
Figs.....	5.3	4.1	2.2	1.2	3.1	2.3	1.4	0	0	.....
Fruit cocktail....	144.6	126.8	181.0	124.0	174.1	135.0	110.8	152.1	145.9	169.2
Grapefruit.....	37.8	23.1	54.4	19.7	30.9	25.9	32.3	13.9	12.4	19.3
Olives.....	.....	10.4	68.3	37.4	66.8	39.7	0.0	0	22.8	84.9
Peaches.....	77.8	179.4	96.2	251.5	271.1	148.6	142.5	138.2	116.2	162.1
Pears.....	108.3	101.5	121.1	119.6	147.0	105.3	58.4	120.2	74.1	71.9
Pineapple.....	272.3	.....	115.1	134.1	208.9	252.7	91.1	137.1	132.9	156.4
Plums (all).....	14.2	21.3	18.4	13.9	22.7	7.4	6.8	11.7	7.6	10.5
Prunes.....	.....	3.8	1.0	1.0	1.0	1.2	0.0	0	0	.....
Total these items..	850.6	698.1	925.0	965.6	1,191.8	862.4	643.4	693.3	611.7	845.7

CANNED JUICES—Thousands of Cases, Equiv. 24/2

Apple Juice.....	227.1	215.7	138.7	231.3	287.7	272.9	207.9	261.8	152.5	218.8
Grape Juice.....	66.3	72.2	88.5	50.0	104.8	86.0	89.9	108.7	33.5	51.0
Grapefruit Juice..	90.4	80.6	96.3	135.4	137.8	137.8	195.2	129.3	131.5	80.0
Grapefruit & Orange	25.7	32.7	29.9	32.7	10.0	31.7	24.8	27.7	17.7	21.6
Orange Juice.....	100.4	92.5	163.8	156.9	210.1	173.3	201.1	161.6	264.9	153.7
Pineapple Juice...	26.7	148.2	169.4	258.7	138.6	228.8	215.9	297.1	211.1	176.3
Tomato Juice†...	24.0	64.7	167.5	151.5	154.3	159.1	107.4	76.7	75.2	91.0
Tomato Juice conc.	.....	93.6	92.2	77.7	55.7	46.0	59.2	6.6	8.1	61.4
Total these items..	560.6	800.2	946.3	1,094.3	1,099.0	1,136.1	1,101.4	1,074.5	894.5	853.8

† Includes Vegetable Juice Cocktail.

CHILD NUTRITION PROGRAM*

(Source: Commodity Procurement Br., Fruit & Veg. Div., Agricultural Marketing Service, U.S.D.A.)

PACK YEAR*	1976	1977	1978	1979	1980	1981	1982	1983	1984	**1985
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Beans Gr.	1,144.0	969.4	.....	1,208.2	866.1	1,040.7	1,015.7	834.0	980.1	826.8
Beans, Vegt. ....	.....	798.3	1,489.8	1,172.6	994.4	834.0	773.4	762.7	1,040.7	712.8
Beans, Other ¹ ....	.....	.....	.....	670.0	762.7	413.4	420.6	402.7	513.3	589.7
Corn ²	1,580.6	1,695.7	948.0	2,031.5	905.3	.....	.....	630.9	1,005.0	1,283.0
Peas ³	691.4	869.6	766.3	816.2	883.9	502.5	680.7	481.1	.....	520.3
Potatoes, sweet... ⁴	†723.5	†330.2	†780.8	†870.3	†524.2	†449.1	†862.5	345.7	463.3	741.3
Tomatoes ⁵	534.6	1,860.4	1,486.2	2,858.3	417.0	.....	.....	666.5	1,072.8	816.2
Tomato Catsup... ⁶	.....	1,229	509.7	1,232.6	1,108.4	.....	.....	.....	.....	.....
Tomato Paste... ⁷	613.0	1,026.4	1,119.1	2,052.9	384.9	.....	.....	.....	1,414.9	720.0
Total.....	5,287.1	8,779.6	7,099.9	12,912.6	6,846.9	3,239.7	3,752.9	4,123.6	6,490.1	6,210.1
CANNED FRUITS—Thousands of Cases, Equiv. 24/2½										
Applesauce ⁸	.....	815.7	1,398.6	1,224.5	1,230.6	916.9	876.4	763.0	1,079.0	969.5
Apricots ⁹	226.7	115.4	.....	419.0	312.8	.....	.....	.....	443.3	.....
Cranberry Sauce . ¹⁰	388.6	315.7	214.5	.....	.....	.....	.....	.....	.....	.....
Fruit Cocktail... ¹¹	396.7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mixed Fruit..... ¹²	.....	439.2	.....	.....	.....	453.4	463.5	.....	.....	.....
Peaches ¹³	1,576.8	2,131.3	657.8	787.3	1,129.4	1,856.0	1,226.5	759.9	685.9	542.4
Pears ¹⁴	1,246.8	1,151.7	.....	900.7	1,224.5	916.9	846.0	1,261.0	718.5	230.7
Pineapple..... ¹⁵	.....	479.7	647.6	653.8	459.4	481.7	477.7	.....	.....	.....
Plums ¹⁶	305.6	.....	204.4	46.6	.....	137.6	.....	93.1	.....	.....
Total.....	4,141.2	5,448.7	3,122.9	4,031.9	4,356.7	4,762.5	3,890.1	2,876.1	2,906.7	1,742.6
CANNED JUICES—Thousands of Cases, Equiv. 24/2										
Apple ¹⁷	.....	118.4	912.2	871.9	443.5	.....	.....	.....	.....	.....
Tomato..... ¹⁸	.....	168.8	279.7	481.3	.....	.....	.....	.....	.....	.....
Misc..... ¹⁹	.....	231.8	.....	.....	.....	544.3	498.7	.....	264.6	.....
Total.....	.....	519.0	1,191.9	1,353.2	443.5	544.3	498.7	.....	264.6	.....

*Beginning 1975 includes small quantities utilized in elderly feeding programs and nonprofit institutions. Pack year beg. July 1. **7/1/85 thru 3/31/86. †Includes dehydrated sweet potatoes. ¹Pinto, small red, blackeyes, red kidney, baby lima and great northern. ²Orange. ³Grapefruit. ⁴Grape.

DOMESTIC FEEDING PROGRAMS*

(Source: Commodity Procurement Br., Fruit & Veg. Div., Agricultural Marketing Service, U.S.D.A.)

PACK YEAR*	1976	1977	1978	1979	1980	1981	¹ 1982	1983	1984	**1985
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Beans, Gr.	39.2	14.0	81.2	81.2	100.8	81.2	81.2	79.8	119.0	22.4
Beans, Vegt. ....	.....	58.8	72.8	47.6	56.0	86.8	514.5	114.8	114.8	93.8
Corn ²	58.8	78.4	170.8	56.0	67.2	61.2	464.3	105.0	141.4	103.6
Peas ³	67.2	44.8	28.0	78.4	50.4	39.2	47.6	54.6	60.2	37.8
Potatoes, Sweet... ⁴	.....	.....	.....	25.2	22.4	16.8	329.4	47.6	26.6	42.0
Tomatoes ⁵	56.0	75.6	95.2	.....	14.0	36.4	75.6	56.0	14.0	36.4
Other ⁶.....	.....	.....	.....	67.2	130.9	61.0	151.2	110.6	82.6	124.6
Total.....	221.2	271.6	448.0	355.6	441.7	382.6	1,663.8	568.4	558.6	460.6
CANNED FRUITS—Thousands of Cases Equiv. 24/2½										
Peaches ⁷	.....	24.0	26.0	62.9	66.6	25.9	256.2	50.3	39.1	33.5
Pears ⁸	.....	9.3	33.3	44.4	29.6	37.0	44.5	260.4	46.3	67.8
Pineapple..... ⁹	.....	.....	38.9	14.6	13.0	12.9	29.2	37.3	26.0	8.1
Other ¹⁰.....	.....	9.6	.....	81.6	119.1	56.4	349.7	142.1	177.9	109.4
Total.....	.....	42.9	98.2	203.5	228.3	132.2	679.6	490.1	289.3	218.8
CANNED JUICES—Thousands of Cases Equiv. 24/2										
Apple Juice..... ¹¹	.....	156.2	123.5	90.7	115.9	166.3	209.2	241.9	320.0	267.1
Grape Juice..... ¹²	.....	.....	.....	.....	.....	.....	.....	.....	370.4	297.4
Grapefruit Juice... ¹³	126.0	.....	.....	60.5	63.0	85.7	499.0	68.0	17.6	85.7
Orange Juice..... ¹⁴	453.6	375.5	572.0	184.0	388.1	507.2	622.4	718.2	302.4	158.8
Pineapple Juice... ¹⁵	.....	.....	80.7	168.8	136.1	153.8	194.0	216.7	281.0	121.0
Tomato Juice†... ¹⁶	.....	.....	47.9	85.6	55.4	52.9	85.7	80.6	73.1	65.5
Total.....	579.6	531.7	824.1	589.6	758.5	965.9	1,610.3	1,325.4	1,364.5	995.5

*Prior to 1976 "Needy Families". Pack year beginning July 1. **7/1/85 thru 3/31/86. †Includes Vegetable Juice Cocktail. ¹Includes carrots, white potatoes, pumpkin, spinach. ²Includes applesauce, apricots, fruit cocktail, purple plums. ³Includes quantities purchased for Emergency feeding program (Publaw 98-8 Jobs Bill) as follows: Beans vegt. 427.7, Potatoes Sw. 301.4, Corn 324.3, Applesauce 230.7, Peaches 190.3, grapefruit juice 385.6 and in 1983-84 pears 238.9.

GOVERNMENT PURCHASES—SPECIFIED FROZEN FOODS† **MILITARY**

Source: Fr. & Veg. Br., Contr. & Prod. Div., Dir. of Subsistence, Defense Personnel Support Center

Thousands of Pounds

PACK YEAR	1979	1980	1981	1982	1983	1984	1985
Asparagus	1,112.0	861.0	1,329.0	1,027.0	423.0	802.0	1,196.0
Beans, Green & Wax	3,341.0	3,326.0	3,863.0	3,452.0	2,747.0	3,189.6	2,235.9
Beans, Lima	1,326.0	1,519.0	1,494.0	1,470.0	781.8	919.6	908.0
Broccoli	3,509.0	3,505.0	3,475.0	3,394.9	3,325.0	3,427.0	3,039.0
Brussel Sprouts	1,936.0	2,110.0	2,017.0	1,979.0	1,706.0	1,776.4	1,517.3
Carrots	572.0	963.0	1,107.0	1,122.0	1,112.0	838.0	1,244.2
Cauliflower	2,381.0	2,600.0	2,314.0	2,174.0	2,024.0	2,145.0	2,288.9
Corn	5,952.0	6,701.5	5,547.0	5,463.0	6,349.6	2,461.7	6,054.2
Greens	1,382.0	1,814.0	1,732.0	1,731.0	1,283.9	1,718.4	1,538.8
Okra	170.0	366.0	256.0	384.0	20.0	318.9	373.0
Onion Rings	1,104.0	1,186.2	1,360.0	1,153.0	1,102.0	1,575.2	1,000.1
Peas	2,682.0	2,597.0	2,828.0	2,650.0	2,133.0	2,253.0	2,312.1
Peas & Carrots	1,175.0	1,478.0	1,170.0	1,439.0	1,060.0	3,309.3	1,068.5
Peppers, Sweet	40.0	65.0	40.0	40.0	58.0	76.0	20.0
Potatoes, Diced	417.0	596.0	486.0	356.0	328.0	366.0	328.0
Potatoes, French fried	28,186.0	30,210.8	33,904.6	31,288.4	30,874.5	30,283.6	27,884.9
Potatoes, Shoestring	3,533.0	3,332.7	3,035.0	2,859.0	2,529.7	2,811.6	3,141.4
Potatoes, Shredded	4,684.0	6,281.7	6,470.4	6,819.0	4,670.6	6,380.1	6,621.6
Spinach	1,705.0	1,699.0	1,896.0	2,028.0	2,479.4	1,966.4	1,596.1
Squash	712.0	978.0	854.0	1,024.0	812.0	1,045.1	1,750.0
Succotash	1,235.0	1,383.0	1,142.5	1,478.7	1,381.0	714.3	1,671.6
Vegetables, Mixed	3,206.0	3,652.3	3,156.5	2,858.0	3,666.0	2,044.3	2,188.6
Total Above	70,360.0	77,225.2	79,477.0	76,150.0	71,266.5	70,421.5	69,986.2
Blueberries	307.0	174.0	38.0	36.0	75.0	111.0	147.0
Cherries .....	.....	128.0	.....	29.0	0.0	.....	.....
Peaches	417.0	528.0	171.0	62.0	55.0	226.0	.....
Raspberries .....	.....	56.0	.....	0.0	36.0	.....	.....
Strawberries	2,242.0	1,168.0	1,573.0	1,261.0	1,300.0	1,742.0	1,680.5
Total Above	2,966.0	2,054.0	1,782.0	1,338.0	1,466.0	2,079.0	1,827.5
Grape Juice	1,666.4	2,630.9	2,454.5	2,891.7	3,924.9	3,957.6	27,142.0
Grapefruit Juice	368.2	374.6	384.2	347.8	592.6	624.4	7,381.8
Lemon Juice	108.0	72.0	77.0	66.6	40.8	42.8	104.5
Lime Juice .....	.....	.....	.7	0.0	0.0	.....	.....
Orange Juice	6,405.0	6,924.6	7,039.9	7,545.8	10,885.3	12,862.4	126,541.1
Total Above	8,547.8	10,002.0	9,956.3	10,851.9	15,443.6	17,487.2	161,169.5

USDA—CHILD NUTRITION

(Includes small quantities used for elderly)

(Source: Commodity Procurement Br., Fruit & Veg. Div., Agricultural Marketing Service, U.S.D.A.)

Thousands of Pounds

PACK YEAR ¹	1977	1978	1979	1980	1981	1982	1983	1984	² 1985
Beans, Green	956	.....	3,366	5,082	1,848	1,254	726	1,056	396
Corn	3,206	13,331	7,722	.....	.....	.....	4,554	3,894	1,056
Peas	2,808	10,940	8,910	8,118	.....	2,178	1,056	.....	1,452
Potato Rounds	29,520	58,500	72,996	20,130	9,900	43,230	.....	24,156	44,196
Potatoes, French Fried ...	59,580	67,080	79,596	.....	12,672	47,257	37,554	19,734	35,538
Vegetables, Mixed .....	.....	20,592	22,440	.....	.....	.....	.....	18,612	16,632
Total	96,070	170,443	195,030	33,330	24,420	93,919	43,890	67,452	99,270
Blueberries .....	.....	.....	.....	.....	.....	.....	560	5,563	6,923
Cherries, RTP .....	.....	.....	.....	.....	19,650	8,888	.....	13,200	21,563
Lemon Juice (Conc.)	1,283	.....	.....	.....	.....	2,268	.....	.....	.....
Orange Juice (Conc.) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹July 1 thru June 30 beginning year shown.

²7/1/85 thru 3/31/86.

CIVILIAN PER CAPITA CONSUMPTION

FOOD CONSUMPTION TRENDS

Per Capita Consumption—Pounds Retail Weight

Item	1945-49	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Red meats:¹								
Beef.....	50.2	53.5	63.8	68.0	78.5	83.8	87.9	77.6
Veal.....	9.3	7.5	7.0	4.6	3.4	2.0	2.8	1.6
Pork.....	64.6	62.7	60.0	59.8	58.2	62.5	56.0	63.2
Lamb.....	5.1	3.7	4.0	4.3	3.4	2.6	1.5	1.5
Total.....	129.2	127.5	134.8	136.7	143.5	150.9	148.2	144.0
Fishery products:								
Fresh & frozen...	6.0	6.3	5.7	5.8	6.1	7.0	7.9	8.0
Canned & cured	4.6	5.1	4.8	4.7	4.8	5.1	5.0	4.7
Poultry products:								
Chicken.....	19.4	21.8	25.6	29.9	36.1	40.7	44.8	52.9
Turkey.....	3.4	4.7	5.7	6.9	8.0	8.5	9.2	10.9
Eggs.....	47.2	48.4	45.8	41.2	40.0	40.0	34.7	33.6
Dairy products:								
Whole milk.....	313.4	289.1	279.0	234.5	233.2	198.3	163.2	133.9
Other milk bev....	34.6	30.4	28.8	33.1	46.1	68.6	91.5	104.5
Cream & specialties	12.5	10.3	9.0	8.0	6.2	5.4	5.6	6.2
Cheese ²	6.9	7.6	7.9	8.9	10.1	13.0	16.1	19.7
Frozen desserts...	21.0	21.2	24.3	26.5	28.3	28.0	27.5	26.6
Dry milk products	3.9	5.1	6.6	7.2	7.3	7.2	6.3	6.0
Fats and oils:³								
Butter.....	10.6	9.3	8.4	7.2	5.7	4.9	4.4	4.7
Margarine.....	5.0	7.4	8.4	9.4	10.5	11.0	11.3	10.9
Shortening.....	9.6	10.4	11.3	13.3	15.9	17.1	17.6	19.0
Lard & tallow...	12.7	12.9	12.0	6.9	5.5	3.8	2.6	3.8
Other fats & oils...	6.9	8.7	10.8	12.3	15.3	19.0	21.2	23.0
Fresh fruits:								
Total.....	130.8	107.6	93.1	80.6	78.1	76.2	81.0	85.8
Citrus.....	55.1	41.7	35.1	27.5	28.1	27.2	26.3	25.4
Noncitrus.....	75.7	65.9	58.0	53.1	50.0	49.0	54.7	60.4
Processed fruits:								
Canned fruit.....	18.4	20.6	22.2	22.9	23.0	21.4	18.5	16.8 ⁴
Frozen & dried fruit	7.3	6.8	7.1	6.7	6.5	5.8	5.6	5.9 ⁴
Canned juices...	15.2	13.7	13.3	7.0	12.0	14.3	15.2	17.9
Frozen citrus juice ³	.7	10.1	15.6	16.7	18.8	27.6	34.4	36.4
Vegetables:								
Fresh ⁵	95.2	85.1	84.6	85.6	90.9	90.0	93.5	97.3 ⁴
Canned.....	41.7	41.3	43.0	43.3	46.0	48.0	48.0	43.6 ⁶
Frozen.....	2.4	4.4	6.1	7.2	8.9	10.0	10.3	11.2
Potatoes:⁷								
Total, fresh equiv.	117.2	107.4	106.6	108.7	112.3	116.1	118.9	117.2
Fresh.....	104.5	92.2	86.1	74.2	63.0	51.5	50.5	49.6
Processed.....	1.6	3.3	5.2	9.3	14.7	20.2	22.9	25.1
Wheat flour.....	145.8	130.6	120.8	116.1	112.7	111.0	116.3	113.7
Rice.....	4.7	5.4	5.5	6.7	7.7	7.2	7.5	10.1
Corn products ⁸ ...	20.5	16.6	14.5	14.7	15.2	12.7	14.0	14.3
Pasta ⁹.....	.....	.....	.....	.....	.....	8.6	10.4	11.5
Sugar.....	86.9	79.9	96.5	97.5	98.6	100.5	91.5	75.1
Corn sweeteners...	10.7	8.9	9.2	11.7	19.8	26.9	40.4	61.2
Coffee (gallons)....	43.0	38.4	37.1	37.6	35.2	32.2	27.1	26.0
Tea (gallons).....	6.0	5.8	5.8	5.9	6.5	7.1	7.4	7.1
Soft drinks (gal.)...	n.a.	n.a.	n.a.	16.1	21.5	25.5	32.7	40.3

n.a. - Not available.

¹Excludes consumption of game meat and edible offals.

²Excludes cottage cheese.

³Product weight. ⁴Average only for 1980-81 due to lack of data.

⁵Excludes consumption of produce from home gardens.

⁶Average only for 1980-82 due to lack of data.

⁷Excludes sweet potatoes and consumption of produce from home gardens.

⁸Cornmeal, flour, hominy, and breakfast cereals.

⁹Includes macaroni, spaghetti, noodles, and other macaroni products.

Excludes fresh pasta products.

APPENDIX—PER CAPITA CONSUMPTION—Continued

FRUIT JUICES—CANNED CHILLED & FROZEN

Per Capita Consumption—Pounds Processed Weight

Year	Canned											Total canned
	Citrus				Noncitrus ²							
	Orange	Grape- fruit	Other	Total	Apple	Fruit nectars	Grape	Pine- apple	Prune	Total		
1964....	1.2	1.1	1.6	3.9	1.5	.28	.65	3.6	1.1	7.1	11.0	
1965....	1.2	1.3	1.2	3.8	1.5	.38	.74	3.0	1.2	6.8	10.6	
1966....	1.5	1.7	1.4	4.7	1.2	.40	.63	3.7	1.1	7.0	11.6	
1967....	1.6	2.3	1.5	5.4	1.4	.39	.67	2.7	1.1	6.2	11.6	
1968....	1.9	2.2	1.2	4.6	1.7	.37	.55	3.7	.8	7.0	11.7	
1969....	1.3	2.9	2.4	6.7	2.4	.41	.54	3.4	1.1	7.9	14.6	
1970....	1.7	3.0	1.8	6.5	2.7	.70	.58	3.0	1.1	8.0	14.5	
1971....	1.6	3.3	1.8	6.6	3.2	.68	.70	2.7	1.1	8.4	15.0	
1972....	1.5	3.3	2.0	6.7	2.6	.56	.54	2.8	.7	7.2	13.9	
1973....	1.7	3.4	2.0	7.1	2.6	.51	.56	3.3	1.0	7.9	15.0	
1974....	1.5	3.5	1.3	6.3	2.5	.53	.67	2.3	.7	6.7	13.0	
1975....	1.5	3.4	2.5	7.4	2.9	.78	.58	2.1	.8	7.2	14.6	
1976....	1.4	3.4	2.2	6.9	3.3	.77	.56	1.9	1.0	7.5	14.5	
1977....	1.4	3.1	1.4	6.0	3.3	.67	.45	2.3	.9	7.6	13.6	
1978....	1.7	3.5	1.7	7.0	4.3	.76	.92	2.6	.9	9.5	16.5	
1979....	2.0	3.4	1.5	6.9	5.3	.56	.64	2.7	.8	10.0	16.9	
1980....	2.0	2.9	2.1	7.0	4.8	.68	.65	2.7	.9	9.6	16.7	
1981....	2.2	2.4	2.9	7.5	6.4	.70	.68	2.8	.9	11.6	19.1	
1982....	1.8	2.1	0.8	4.7	7.2	.52	.64	n.a.	.8	n.a.	n.a.	
1983....	1.2	1.6	3.1	5.9	8.6	.36	.91	n.a.	.6	n.a.	n.a.	
1984....	1.5	1.2	1.1	3.8	n.a.	.27	.75	n.a.	.7	n.a.	n.a.	

	Chilled ³			Frozen citrus						Total juice	
				Orange		Other ⁴		Total			
	Orange	Grape- fruit	Total	Product weight ⁵	S.S. Basis	Product weight ⁵	S.S. Basis	Product weight ⁵	S.S. Basis	Product weight	S.S. Basis
1964....	1.3	0.07	1.4	3.5	12.2	0.9	1.6	4.3	13.8	16.7	26.2
1965....	1.9	.05	2.0	4.2	14.7	.8	1.4	5.0	16.1	17.6	28.7
1966....	3.0	.14	3.2	4.0	13.9	.7	1.3	4.7	15.2	19.5	30.0
1967....	4.2	.23	4.4	5.7	20.2	.8	1.6	6.6	21.8	22.6	37.8
1968....	4.0	.24	4.2	5.7	20.1	.7	1.2	6.4	21.3	22.3	37.2
1969....	3.9	.30	4.2	5.2	18.3	.6	1.2	5.8	19.4	24.5	38.1
1970....	4.4	.34	4.7	5.9	20.8	.6	1.4	6.6	22.2	25.8	41.4
1971....	4.3	.42	4.8	6.9	24.4	.7	1.5	7.6	25.9	27.4	45.7
1972....	4.6	.62	5.2	7.9	27.9	.8	1.8	8.7	29.7	27.8	48.8
1973....	4.7	.55	5.2	7.7	27.1	.9	1.8	8.6	28.9	28.8	49.1
1974....	4.6	.52	5.2	8.4	29.6	.8	1.8	9.2	31.4	27.4	49.6
1975....	5.0	.62	5.6	9.4	33.0	1.5	2.5	10.8	35.5	31.0	55.7
1976....	5.4	.73	6.1	9.8	34.5	.7	1.0	10.5	35.5	30.1	56.4
1977....	5.0	.70	5.7	9.7	34.3	1.1	2.8	10.8	37.1	31.7	53.2
1978....	5.3	.75	6.0	7.8	27.7	1.4	3.0	9.2	30.7	32.2	55.6
1979....	4.9	.57	5.4	8.6	30.5	1.2	2.8	9.9	33.3	32.4	56.7
1980....	5.2	.65	5.8	9.0	31.9	.8	2.3	9.9	34.2	32.4	56.7
1981....	3.6	.49	4.1	8.6	30.3	1.2	3.0	9.8	33.3	33.0	56.5
1982....	3.2	.31	3.5	9.5	33.4	1.6	3.7	11.1	37.1	n.a.	n.a.
1983....	3.9	.23	4.1	11.1	38.9	1.1	2.9	12.2	41.8	n.a.	n.a.
1984....	3.4	.23	3.7	9.5	33.6	.9	2.2	10.4	35.8	n.a.	n.a.

n.a. - Not available. ¹Calendar year basis except for citrus juices which are on a pack-year basis. Excludes cranberry juice. ²Includes single-strength equivalent of frozen noncitrus juices. ³Single-strength equivalent. ⁴Includes orange juice used in blends. ⁵Includes single-strength and concentrated juices.

APPENDIX—PER CAPITA CONSUMPTION—Continued
FRUITS—CANNED & CHILLED

Per Capita Consumption—Pounds Processed Weight

Year	Apples and applesauce	Apricots	Berries	Cherries	Cran- berries	Salad and cocktail	Peaches ¹
1964.....	3.7	1.0	0.1	1.3	0.7	2.6	6.6
1965.....	3.8	1.1	.1	1.1	.8	2.9	6.7
1966.....	3.3	1.1	.2	1.0	.8	3.0	6.2
1967.....	3.7	.9	.2	.8	.8	2.7	6.1
1968.....	3.5	.9	.1	.7	.9	2.8	5.7
1969.....	3.6	.9	.1	1.0	.8	3.2	6.9
1970.....	3.7	1.0	.1	.9	.9	3.2	5.9
1971.....	3.6	1.0	.1	.9	.8	2.6	5.4
1972.....	3.5	.7	.1	.7	.8	2.6	5.7
1973.....	3.4	.8	.1	.7	1.0	3.0	4.9
1974.....	3.1	.6	.1	.7	.9	2.7	4.9
1975.....	3.1	.5	.1	.8	.7	2.6	4.9
1976.....	2.3 ²	.6	.1	.7	.7	2.7	4.9
1977.....	2.5	.6	.1	.6	.7	2.7	5.0
1978.....	2.6	.4	.1	.7	.8	2.8	4.2
1979.....	2.5	.4	.1	.7	.8	2.6	4.0
1980.....	2.4	.5	.1	.9	.8	2.5	3.9
1981.....	2.0	.4	.1	.7	.7	2.2	3.6
1982.....	2.0	.4	.1	.5	.7	2.2	3.7
1983.....	2.4	.3	.1	.5	.7	1.7	3.5
1984.....	n.a.	.3	.1	.5	n.a.	1.7	3.3

	Pears	Pineapples	Plums and prunes	Olives	Citrus sections	Chilled citrus sections	Total	
							Previously reported ³	Currently reported ^{3, 4}
1964.....	1.6	3.2	0.3	1.0	0.8	0.4	23.4	14.6
1965.....	1.9	3.1	.3	.7	.9	.3	23.8	14.9
1966.....	1.9	3.1	.4	.8	1.0	.5	23.4	14.7
1967.....	1.8	3.1	.4	.9	1.1	.5	23.1	13.9
1968.....	1.4	3.7	.3	.7	1.1	.4	22.3	12.7
1969.....	2.0	3.4	.3	1.2	.8	.4	24.6	15.6
1970.....	2.0	3.3	.3	1.1	.9	.4	23.8	14.6
1971.....	2.0	3.3	.3	.9	.9	.3	22.1	13.2
1972.....	2.0	3.4	.2	.7	.8	.3	21.6	12.8
1973.....	2.2	3.4	.2	.7	.8	.3	21.5	12.6
1974.....	1.7	2.6	.2	.9	.8	.3	19.5	11.8
1975.....	1.9	2.6	.2	.9	.7	.3	19.3	11.9
1976.....	2.1	2.7	.2	1.0	.6	.3	18.9	12.3
1977.....	2.2	2.8	.2	1.0	.6	.2	19.2	12.4
1978.....	1.8	3.0	.2	.6	.7	.2	18.1	10.8
1979.....	1.8	3.0	.2	1.0	.7	.2	18.0	10.8
1980.....	1.8	3.0	.1	.8	.6	.2	17.6	10.6
1981.....	1.6	3.0	.2	1.0	.7	.2	16.5	9.9
1982.....	1.9	n.a.	.2	.7	.6	.2	n.a.	9.6
1983.....	1.8	n.a.	.1	1.3	.6	.2	n.a.	9.2
1984.....	1.6	n.a.	.1	1.2	n.a.	n.a.	n.a.	8.8

n.a. - Not available.

¹Includes spiced cling peaches until 1981.

²Not comparable to previous years.

³Includes figs prior to 1973.

⁴Total includes only those items reporting for the entire series.

APPENDIX—PER CAPITA CONSUMPTION—Continued

FRUITS—FROZEN

Per Capita Consumption—Pounds Processed Weight

Year	Berries					Other					Total
	Black-berries	Rasp-berries	Straw-berries	Blue-berries	Total ¹	Apples	Apri-cots	Cherries	Peaches	Total ²	
1964....	0.12	0.17	1.3	0.18	1.8	0.44	0.06	0.62	0.24	1.7	3.6
1965....	.13	.13	1.4	.19	1.8	.45	.06	.78	.32	1.8	3.7
1966....	.07	.15	1.4	.15	1.8	.39	.10	.74	.30	1.8	3.6
1967....	.12	.17	1.4	.17	1.9	.55	.10	.54	.30	1.8	3.7
1968....	.17	.18	1.4	.25	2.1	.49	.08	.53	.29	1.7	3.8
1969....	.14	.14	1.4	.21	2.0	.54	.06	.60	.29	1.8	3.8
1970....	.11	.16	1.2	.21	1.7	.48	.06	.61	.26	1.6	3.3
1971....	.16	.16	1.4	.18	2.0	.54	.07	.67	.25	1.7	3.7
1972....	.11	.12	1.4	.18	1.8	.67	.04	.64	.31	1.8	3.6
1973....	.08	.10	1.2	.18	1.6	.62	.08	.82	.22	1.9	3.5
1974....	.06	.09	1.1	.14	1.5	.33	.06	.50	.28	1.3	2.8
1975....	.08	.10	1.4	.19	1.8	.47	.07	.44	.28	1.4	3.2
1976....	.12	.13	1.3	.13	1.7	.39	.06	.68	.13	1.4	3.1
1977....	.12	.13	1.2	.13	1.6	.44	.07	.63	.28	1.6	3.2
1978....	.10	.10	1.4	.11	1.7	.39	.07	.64	.27	1.6	3.3
1979....	.06	.08	1.1	.13	1.4	.33	.06	.53	.21	1.3	2.7
1980....	.02	.08	1.4	.19	1.7	.35	.06	.49	.27	1.4	3.1
1981....	.04	.08	1.3	.17	1.6	.37	.05	.50	.19	1.3	2.9
1982....	.09	.07	1.2	.11	1.4	.43	.06	.61	.23	1.5	3.0
1983....	.08	.07	1.2	.05	1.4	.32	.07	.63	.31	1.5	2.9
1984....	.05	.06	1.3	.22	1.6	.37	.06	.55	.26	1.4	3.1

¹Includes other berries not listed separately.

²Includes grapes & pulp, plums, prunes & misc. not listed separately.

FISHERY PRODUCTS¹

Per Capita Consumption—Pounds Edible Weight

Year	Fresh and frozen			Canned						Cured	Total
	Fish	Shell-fish	Total	Salmon	Sardines	Tuna	Shell-fish	Other	Total		
1964....	3.8	2.1	5.9	0.7	0.3	2.0	0.5	0.6	4.1	0.5	10.5
1965....	3.8	2.2	6.0	.9	.3	2.3	.4	.4	4.3	.5	10.8
1966....	3.9	2.2	6.1	.8	.4	2.3	.4	.4	4.3	.5	10.9
1967....	3.6	2.2	5.8	.7	.4	2.4	.5	.3	4.3	.5	10.6
1968....	4.0	2.2	6.2	.7	.4	2.4	.5	.3	4.3	.5	11.0
1969....	4.4	2.2	6.6	.7	.4	2.4	.5	.2	4.2	.4	11.2
1970....	4.5	2.4	6.9	.7	.4	2.5	.5	.4	4.5	.4	11.8
1971....	4.3	2.4	6.7	.7	.4	2.4	.5	.3	4.3	.5	11.5
1972....	4.7	2.4	7.1	.7	.4	2.9	.5	.4	4.9	.5	12.5
1973....	5.2	2.2	7.4	.4	.5	3.1	.5	.5	5.0	.4	12.8
1974....	4.4	2.5	6.9	.3	.4	3.1	.5	.4	4.7	.5	12.1
1975....	4.9	2.6	7.5	.3	.2	2.9	.5	.4	4.3	.4	12.2
1976....	5.6	2.6	8.2	.3	.3	2.8	.4	.4	4.2	.5	12.9
1977....	5.1	2.6	7.7	.5	.3	2.8	.6	.4	4.6	.4	12.7
1978....	5.5	2.6	8.1	.6	.3	3.2	.5	.3	5.0	.3	13.4
1979....	5.4	2.4	7.8	.5	.3	3.2	.5	.3	4.8	.4	13.0
1980....	5.5	2.5	8.0	.5	.3	2.9	.5	.3	4.5	.3	12.8
1981....	5.0	2.8	7.8	.5	.4	3.1	.5	.3	4.8	.3	12.9
1982....	5.1	2.6	7.7	.5	.3	2.7	.4	.4	4.3	.3	12.3
1983....	5.2	2.8	8.0	.5	.2	3.1	.6	.4	4.8	.3	13.1
1984....	5.3	3.0	8.3	.6	.2	3.2	.4	.5	4.9	.3	13.6
1985*	....	....	....	.6	.3	3.3	.5	.5	5.2	....	....

¹Excludes game fish consumption.

*Preliminary.

APPENDIX—PER CAPITA CONSUMPTION—Continued

*VEGETABLES, SELECTED—FRESH, CANNED, FROZEN Per Capita Consumption—Pounds Fresh Equivalent

Commodity	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Asparagus:											
Fresh.....	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30	n.a.	n.a.	n.a.
Canned.....	.61	.64	.66	.48	.45	.33	.33	.37	0.32	0.32	0.36
Frozen.....	.19	.17	.20	.16	.17	.15	.12	.11	.10	.12	.13
Total.....	1.20	1.21	1.26	1.04	.92	.78	.75	.78	n.a.	n.a.	n.a.
Beans, lima:¹											
Canned.....	.42	.37	.41	.47	.39	.22	.19	.17	.17	.16	.13
Frozen.....	1.29	1.13	.98	1.10	1.03	1.03	.99	1.06	.99	.65	.77
Total.....	1.71	1.50	1.39	1.57	1.42	1.25	1.18	1.23	1.16	.81	.90
Beans, snap:											
Fresh.....	1.50	1.60	1.60	1.50	1.40	1.40	1.40	1.40	n.a.	n.a.	n.a.
Canned.....	4.02	3.80	4.07	3.99	3.82	4.16	4.52	3.75	3.78	3.68	n.a.
Frozen.....	1.27	1.04	1.35	1.18	1.19	1.29	1.16	1.33	1.28	1.21	n.a.
Total.....	6.79	6.44	7.02	6.67	6.41	6.85	7.08	6.48	n.a.	n.a.	n.a.
Broccoli:											
Fresh.....	.80	1.00	1.10	1.20	1.10	1.50	1.60	1.80	2.20	2.20	2.50
Frozen.....	1.37	1.25	1.36	1.50	1.83	1.80	1.86	2.02	1.97	1.98	2.30
Total.....	2.17	2.25	2.46	2.70	2.93	3.30	3.46	3.82	4.17	4.18	4.80
Cabbage:											
Fresh.....	9.10	9.10	8.80	8.50	8.90	8.50	8.60	8.60	n.a.	n.a.	n.a.
Canned ²	2.39	2.08	2.21	2.18	2.06	2.40	2.44	1.94	1.84	2.58	n.a.
Total.....	11.49	11.18	11.01	10.68	10.96	10.13	11.44	10.54	21.08	n.a.	n.a.
Corn:³											
Fresh.....	7.60	7.80	8.10	7.70	7.30	7.30	7.20	7.10	7.20	7.40	7.50
Canned.....	14.70	12.44	13.96	15.19	14.39	14.09	14.49	12.52	13.23	12.83	11.82
Frozen.....	5.73	5.63	5.69	6.46	6.71	7.58	7.18	7.58	7.24	8.24	8.61
Total.....	28.03	25.87	27.75	29.35	28.40	28.97	28.87	27.20	27.67	28.47	27.93
Carrots:											
Fresh.....	6.90	6.40	6.40	5.00	5.60	6.40	7.00	7.10	7.40	7.30	7.80
Canned.....	.75	.71	.66	.76	.66	.60	.66	.52	.42	.60	.79
Frozen.....	1.80	1.61	1.65	1.78	1.78	1.89	1.69	1.90	1.76	1.79	2.09
Total.....	9.45	8.72	8.71	7.54	8.04	8.89	9.35	9.52	9.58	9.69	10.68
Cauliflower:											
Fresh.....	.80	.90	1.00	1.10	.90	1.30	1.30	1.60	1.60	1.80	1.90
Frozen.....	.58	.50	.55	.57	.68	.72	.66	.80	.73	.73	.78
Total.....	1.38	1.40	1.55	1.67	1.58	2.02	1.96	2.40	2.33	2.53	2.68
Cucumbers:											
Fresh.....	3.40	3.10	3.60	3.90	4.20	4.30	4.30	4.40	n.a.	n.a.	n.a.
Canned ⁴	5.74	5.76	6.14	6.03	6.15	6.19	5.82	5.55	5.16	n.a.	n.a.
Total.....	9.14	8.86	9.74	9.93	10.35	10.49	10.12	9.95	n.a.	n.a.	n.a.
Peas, green:¹											
Canned.....	6.30	6.19	6.48	6.90	6.33	5.85	5.93	5.59	5.52	5.06	4.35
Frozen.....	4.70	4.59	4.36	4.07	4.15	4.60	4.18	4.22	3.70	4.10	4.37
Total.....	11.00	10.78	10.84	10.97	10.48	10.45	10.11	9.81	9.22	9.16	8.72
Spinach:											
Fresh.....	.40	.50	.50	.60	.60	.70	.80	1.00	n.a.	n.a.	n.a.
Canned.....	.69	.48	.46	.46	.54	.74	.46	.43	.42	n.a.	n.a.
Frozen.....	1.13	.92	1.01	1.03	1.05	1.01	1.08	1.07	.98	.94	n.a.
Total.....	2.22	1.90	1.97	2.09	2.19	2.45	2.34	2.50	n.a.	n.a.	n.a.
Tomatoes:											
Fresh.....	11.80	11.90	12.60	12.40	13.20	12.90	13.40	13.30	13.90	13.20	15.20
Canned ⁵	65.20	58.70	64.90	54.80	58.60	56.00	55.50	52.30	54.10	58.20	63.40
Total.....	77.00	70.60	77.50	67.20	71.80	68.90	68.90	65.60	68.00	71.40	78.60

*Data for processed vegetables excludes quantities consumed in commercially produced soups, and baby foods and in canned wholesale mixtures such as peas and carrots and succotash. ¹"In-pod" basis. ²"On-cob" basis. ³Sauerkraut, canned & bulk. ⁴Pickles, canned & bulk. ⁵Including tomato products other than soup. n.a. - Not available.

APPENDIX—PER CAPITA CONSUMPTION—Continued

¹ VEGETABLES—CANNED

Per Capita Consumption—Pounds Processed Weight

Year	Asparagus	Beans		Beets	Carrots	Corn	Peas	Pickles
		Lima	Snap					
1964.....	0.7	0.4	4.8	1.4	0.6	5.6	4.1	6.2
1965.....	.8	.3	4.8	1.4	.6	5.5	4.1	6.2
1966.....	.7	.2	5.1	1.4	.7	5.3	4.2	6.6
1967.....	.7	.3	5.1	1.4	.7	5.4	4.1	7.3
1968.....	.7	.4	5.5	1.3	.6	5.8	4.2	7.7
1969.....	.7	.4	5.7	1.5	.6	6.1	4.1	7.7
1970.....	.7	.4	5.8	1.5	.6	5.9	3.9	7.4
1971.....	.6	.4	5.8	1.4	.6	6.1	3.8	7.6
1972.....	.6	.3	5.8	1.5	.8	6.5	3.8	7.8
1973.....	.7	.3	5.8	1.3	.6	6.4	4.2	7.9
1974.....	.5	.3	5.9	1.3	.6	6.0	3.5	7.7
1975.....	.5	.3	5.5	1.3	.6	5.1	3.4	7.7
1976.....	.6	.3	5.9	1.3	.5	5.7	3.6	8.3
1977.....	.4	.4	5.8	1.4	.6	6.2	3.8	8.1
1978.....	.3	.3	5.9	1.4	.5	5.9	3.6	8.1
1979.....	.3	.3	5.8	1.2	.5	5.7	3.2	8.3
1980.....	.3	.3	6.3	1.2	.5	5.9	3.3	7.8
1981.....	.3	.3	5.3	1.2	.4	5.1	3.0	7.5
1982.....	.3	.3	5.3	1.1	.3	5.4	3.0	6.9
1983.....	.3	.3	5.2	1.1	.6	5.2	2.7	n.a.
1984.....	.3	.2	4.2	1.1	.6	4.8	2.4	n.a.

	Pumpkin and squash	Sauerkraut	Spinach	Tomato products ²	³ Other	Total	
						Previously reported	Currently reported ⁴
1964.....	0.6	1.2	0.8	13.9	1.1	41.4	31.5
1965.....	.5	1.4	.8	15.0	1.6	43.0	32.5
1966.....	.5	1.4	.7	14.6	1.6	43.0	32.2
1967.....	.5	1.4	.7	16.0	1.8	45.4	33.7
1968.....	.6	1.6	.8	17.9	1.6	48.7	36.4
1969.....	.5	1.4	.6	18.2	1.4	49.7	37.3
1970.....	.5	1.5	.8	15.4	1.5	46.5	34.2
1971.....	.5	1.6	.7	15.9	1.6	46.2	34.6
1972.....	.6	1.5	.8	16.9	1.5	49.0	36.2
1973.....	.6	1.4	.9	17.3	1.4	49.8	36.6
1974.....	.6	1.5	.8	17.6	1.5	48.9	35.7
1975.....	.6	1.3	.6	17.9	1.3	47.0	34.6
1976.....	.5	1.4	.8	20.1	1.4	51.0	38.0
1977.....	.4	1.4	.6	16.8	1.4	47.6	35.4
1978.....	.5	1.3	.7	18.5	1.3	47.9	33.4
1979.....	.6	1.3	.8	17.3	1.3	46.3	33.3
1980.....	.4	1.3	.5	17.5	.9	46.2	35.3
1981.....	.4	1.2	.5	16.4	.8	42.4	32.0
1982.....	.4	1.0	.5	16.9	.9	42.3	32.6
1983.....	n.a.	n.a.	n.a.	18.3	n.a.	n.a.	33.7
1984.....	n.a.	n.a.	n.a.	19.0	n.a.	n.a.	32.6

n.a. - Not available. ¹Excludes soups, baby foods, and canned dry bean products. ²Includes whole tomatoes, pulp, puree, sauce, catsup, chili sauce, tomato, and other vegetable juices. ³Includes okra, field peas, southern greens, pimientos, and mixed vegetables. ⁴Includes data only for those items reported for the entire series.

APPENDIX—PER CAPITA CONSUMPTION—Continued
VEGETABLES—FROZEN

Per Capita Consumption—Pounds Processed Weight

Year	Asparagus	Beans		Broccoli	Brussels sprouts	Carrots	Cauliflower
		Lima	Snap				
1964.....	0.2	0.7	0.8	0.7	0.2	0.4	0.2
1965.....	.2	.7	.9	.7	.2	.5	.2
1966.....	.2	.7	1.1	.7	.2	.6	.3
1967.....	.2	.7	1.1	.8	.2	.7	.3
1968.....	.2	.7	1.1	.8	.2	.7	.3
1969.....	.2	.6	1.0	.8	.2	.7	.3
1970.....	.1	.7	1.1	.8	.2	.8	.3
1971.....	.1	.6	1.0	.9	.2	.7	.4
1972.....	.1	.7	1.1	1.0	.2	.8	.4
1973.....	.1	.7	1.1	1.1	.2	1.0	.4
1974.....	.1	.6	1.1	1.0	.3	1.0	.4
1975.....	.1	.5	.9	.9	.2	.9	.4
1976.....	.1	.5	1.1	1.0	.3	.9	.4
1977.....	.1	.5	1.0	1.1	.3	1.0	.4
1978.....	.1	.5	1.0	1.4	.3	1.0	.5
1979.....	.1	.5	1.1	1.4	.3	1.0	.5
1980.....	.1	.5	1.0	1.4	.3	.9	.5
1981.....	.1	.5	1.1	1.5	.3	1.0	.6
1982.....	.1	.5	1.1	1.5	.3	1.0	.5
1983.....	.1	.3	1.0	1.5	.2	1.0	.5
1984.....	.1	.4	1.1	1.7	.2	1.2	.5

	Corn, cut basis	Onions	Peas	Pumpkin and squash	Spinach	Other ²	Total vegetables ¹	Potato products
1964.....	1.0	.1	1.8	0.1	0.6	0.9	7.6	5.9
1965.....	1.1	.1	2.0	.1	.6	.9	8.1	5.7
1966.....	1.3	.1	2.1	.1	.7	1.1	8.8	6.9
1967.....	1.6	.1	1.9	.1	.7	1.1	9.0	7.6
1968.....	1.6	0.2	2.1	.1	.7	1.1	9.6	8.5
1969.....	1.4	.2	1.8	.1	.7	1.0	9.1	9.8
1970.....	1.6	.3	1.9	.1	.7	1.1	9.6	11.1
1971.....	1.5	.3	1.8	.1	.7	1.2	9.7	12.1
1972.....	1.5	.5	1.8	.1	.7	1.1	9.9	12.2
1973.....	1.6	.5	1.8	.2	.7	1.5	10.7	13.2
1974.....	1.6	.5	1.7	.1	.8	1.1	10.2	13.1
1975.....	1.5	.6	1.7	n.a.	.7	1.2	9.6	13.7
1976.....	1.5	.7	1.6	n.a.	.7	1.4	10.1	14.6
1977.....	1.7	.7	1.5	n.a.	.7	1.2	10.2	15.7
1978.....	1.8	.7	1.5	n.a.	.7	1.2	10.7	17.2
1979.....	2.1	.7	1.7	n.a.	.7	1.2	11.2	17.7
1980.....	1.9	.7	1.5	n.a.	.8	.9	10.4	16.9
1981.....	2.1	.7	1.6	n.a.	.8	1.3	11.5	18.2
1982.....	2.0	.8	1.4	n.a.	.7	1.3	10.9	18.1
1983.....	2.2	.6	1.5	n.a.	.7	1.5	11.1	18.8
1984.....	2.3	.7	1.6	n.a.	.7	1.5	12.0	19.0

n.a. - Not available.
 miscellaneous vegetables.

¹Included in other vegetables.
²Excludes potato products.

³Includes okra, southern greens, field peas, and

PER CAPITA FOOD CONSUMPTION INDEX ^{1/}

Year	Meat, poultry, and fish		Eggs	Dairy products		Total					
	Meat 2/ : Poultry	Fish : Total		Including : butter	Excluding : butter	Vegetable : butter	Excluding : butter	Including : butter			
1967 = 100											
1965	93.8	90.3	101.7	93.8	97.5	103.5	102.2	108.1	93.5	95.5	99.3
1966	96.0	96.3	102.6	96.4	97.3	101.9	101.7	100.0	101.8	100.5	101.1
1970	104.0	107.0	110.6	104.7	96.3	100.1	100.3	91.0	115.5	107.8	105.7
1971	106.8	107.6	107.8	106.9	96.8	100.3	100.8	90.6	112.7	106.3	103.8
1972	104.8	112.4	117.5	105.5	94.3	101.0	101.9	84.6	120.8	110.2	106.3
1973	97.1	108.5	120.1	99.8	90.2	100.7	101.8	77.0	125.7	110.5	106.2
1974	103.6	109.7	113.7	104.9	88.5	99.0	100.4	75.9	122.3	108.7	103.8
1975	100.0	107.7	113.7	101.7	86.2	100.5	101.6	70.6	125.9	107.9	103.8
1976	106.2	115.0	119.6	108.0	84.3	101.8	103.6	65.7	135.2	114.6	107.9
1977	105.1	118.2	118.6	107.6	83.5	101.3	103.1	67.9	129.1	110.8	104.8
1978	100.5	124.1	125.1	105.2	85.0	101.9	103.7	69.9	133.2	114.4	108.1
1979	97.5	134.3	121.7	104.2	86.7	101.7	103.3	73.5	135.2	117.1	110.6
1980	98.2	134.3	118.9	104.6	85.0	101.2	102.7	77.0	135.0	118.5	111.7
1981	97.0	138.3	120.5	104.3	83.0	101.1	102.9	73.3	137.4	119.6	112.0
1982	93.7	141.5	114.2	101.7	82.1	103.5	105.1	74.4	140.2	120.9	114.1
1983	96.7	144.3	122.1	105.0	81.3	106.1	107.1	80.1	143.1	123.6	117.9
1984	96.4	148.8	126.8	105.7	81.1	108.3	109.6	80.8	138.6	120.8	115.3

Continued--

^{1/} Quantities of individual foods on a retail-weight basis are combined into indexes using 1957-59 average prices through 1965; 1967-69 average prices through 1975; and 1977-79 average prices for 1976 and beyond. Index is linked at 1965 and 1975. ^{2/} Includes edible offals.

PER CAPITA CONSUMPTION INDEX

PER CAPITA FOOD CONSUMPTION INDEX—Continued

	Vegetables				Melons				Fruits			
	Processed				3/				Processed			
	Fresh	Canned	Frozen	Total	Fresh	Canned	Frozen	Total	Fresh	Canned	Frozen	Total
1965	98.2	99.0	89.4	97.4	107.4	101.2	103.6	102.3	75.0	92.5	103.2	101.3
1966	98.4	99.4	97.6	98.5	101.3	102.1	102.0	102.8	76.4	92.6	100.0	100.0
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	101.1	104.3	106.2	102.2	101.4	98.8	103.1	98.2	95.9	96.2	103.1	101.3
1969	100.5	107.1	100.7	101.5	98.7	99.7	98.4	103.2	99.8	103.2	103.2	101.3
1970	101.8	105.6	106.3	105.9	101.0	100.7	92.6	100.5	109.8	104.1	104.1	100.5
1971	99.1	104.5	106.7	105.5	98.2	101.0	97.4	99.8	122.4	107.6	107.6	99.8
1972	97.9	107.7	109.3	108.4	93.5	91.9	88.4	91.3	129.7	106.8	106.8	91.3
1973	101.9	108.2	119.1	113.3	95.8	95.9	92.9	108.1	129.8	108.1	108.1	94.9
1974	101.4	100.6	112.7	106.3	85.7	98.2	79.6	94.1	132.9	103.9	103.9	94.1
1975	106.0	93.4	105.2	98.9	88.0	106.8	95.2	102.5	154.2	117.5	117.5	102.5
1976	106.1	100.5	111.1	105.5	91.1	104.5	89.6	100.6	153.1	116.4	116.4	100.6
1977	105.2	102.7	111.4	106.8	93.8	104.3	88.0	100.2	150.8	115.0	115.0	100.2
1978	104.5	97.9	117.8	105.4	94.0	104.8	81.0	97.0	146.2	106.4	106.4	97.0
1979	108.0	93.0	123.4	107.6	92.2	107.2	82.3	99.7	151.1	110.5	110.5	99.7
1980	109.9	97.1	114.0	105.0	85.6	113.6	81.7	103.4	152.0	109.7	109.7	103.4
1981	111.7	85.6	127.8	105.0	94.8	112.6	87.0	103.3	153.4	111.4	111.4	103.3
1982	115.3	86.0	119.9	101.6	NA	112.5	91.2	102.6	155.1	110.7	110.7	102.6
1983	111.9	84.5	123.4	102.4	NA	117.6	90.7	106.7	176.0	119.8	119.8	106.7
1984	116.6	74.9	133.2	103.2	NA	120.3	92.4	103.4	150.2	109.6	109.6	103.4

1967 = 100

Continued—
 3/ Data for melons, fresh vegetables, and potatoes and sweetpotatoes include consumption of home-garden products.
 NA = Not available.

PER CAPITA CONSUMPTION INDEX—Continued

PER CAPITA FOOD CONSUMPTION INDEX—Continued

Year	Potatoes and sweetpotatoes 3/		Beans, peas, and nuts	Flour and cereal products 4/	Sugars and sweeteners	Coffee, tea, and cocoa	All foods			
	Fresh	Processed					Total	Animal products	Crop products	Total
1967 = 100										
1965	109.6	88.8	98.3	100.7	100.9	98.0	99.3	96.8	98.4	97.5
1966	115.6	97.3	105.6	96.8	99.4	98.4	99.5	98.0	99.4	98.6
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.5	107.1	105.9	100.8	100.1	101.6	100.5	101.6	101.1	101.4
1969	97.4	117.9	108.6	101.0	99.9	104.1	93.6	101.1	102.2	101.6
1970	92.6	122.9	109.1	97.8	97.4	105.4	93.4	102.4	102.5	102.4
1971	89.2	125.7	109.1	99.9	97.5	107.3	92.7	103.9	102.7	103.4
1972	89.3	126.9	109.8	97.1	96.5	108.1	98.8	103.4	102.7	103.1
1973	82.1	131.0	108.8	107.8	99.1	108.5	97.2	98.6	105.2	101.6
1974	77.4	132.4	107.4	91.5	98.3	105.6	93.8	101.3	102.6	101.9
1975	88.2	132.0	112.1	104.7	101.3	102.9	88.1	99.1	106.2	102.4
1976	82.9	128.3	107.3	100.6	104.0	108.5	91.9	103.5	108.4	103.8
1977	85.9	137.2	113.2	98.0	103.1	111.4	72.0	103.1	105.3	104.3
1978	81.9	146.2	115.0	99.8	100.9	112.2	78.5	101.9	106.0	103.8
1979	87.1	146.3	118.0	104.5	106.0	113.2	82.4	101.3	109.1	104.9
1980	88.9	138.8	115.7	90.4	105.3	112.5	79.0	101.5	108.3	104.6
1981	78.3	146.7	113.1	97.9	105.7	113.9	78.2	101.1	109.1	104.7
1982	82.7	147.7	116.1	108.1	108.5	113.5	75.5	100.0	110.2	104.5
1983	84.7	154.8	120.6	111.8	104.7	115.6	76.1	102.8	111.6	106.7
1984	83.4	156.5	120.6	106.0	104.8	119.2	78.3	103.9	111.9	107.5

3/ Data for melons, fresh vegetables, and potatoes and sweetpotatoes include consumption of home-garden products.

4/ Corn sugar and syrup are with sugars and other sweeteners.

NA = Not available.

PRODUCER PRICE INDEX

PRODUCER PRICE INDEX—CRUDE FOODSTUFFS & FEEDSTUFFS

Year	Fresh and dried fruits and vegetables										Livestock				Live poultry			
	Fresh fruit		Dried fruit	Fresh vegetables	Sweet-potatoes	White potatoes	Total	Cattle	Hogs	Broilers and fryers	Turkeys	Fluid milk						
Citrus	Total																	
1964	75.5	103.2	92.1	88.4	101.2	126.4	101.6	85.8	79.8	100.6	94.5	83.7						
1965	94.6	91.2	88.8	92.3	95.1	151.5	100.2	93.9	111.2	105.6	104.3	84.9						
1966	91.3	98.7	91.7	100.0	77.6	105.1	100.9	102.6	123.2	111.1	106.9	96.5						
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
1968	118.9	111.5	112.0	103.8	121.3	98.2	106.6	106.3	97.2	110.7	94.4	105.8						
1969	107.9	103.1	114.5	111.3	95.2	117.2	110.0	116.6	118.0	114.6	106.1	110.8						
1970	112.6	100.3	119.7	113.0	98.9	125.4	111.6	117.3	115.6	92.2	103.2	115.4						
1971	130.0	113.6	120.0	124.1	114.9	113.2	120.1	127.9	95.0	95.5	102.0	118.8						
1972	118.4	114.1	141.8	129.1	129.3	135.2	127.6	145.8	135.5	100.8	100.5	122.2						
1973	132.3	135.6	209.2	155.1	163.0	223.5	168.1	184.8	206.0	176.7	164.2	145.0						
1974	138.5	144.0	247.3	149.9	145.3	272.6	192.3	166.0	180.7	157.1	137.3	172.8						
1975	137.9	157.8	213.4	173.3	188.6	227.0	183.7	163.2	245.9	192.9	155.0	180.2						
1976	141.2	159.8	237.3	152.6	148.2	208.8	178.4	151.7	221.7	167.5	142.5	201.2						
1977	166.0	177.5	342.6	160.1	211.3	215.0	192.2	155.3	207.5	173.7	157.7	202.8						
1978	196.1	213.5	360.4	171.4	224.4	231.1	216.5	205.4	239.2	194.9	188.7	219.7						
1979	238.7	232.6	536.4	178.3	168.5	216.9	229.0	268.2	202.6	186.6	195.3	250.1						
1980	196.4	237.6	386.6	173.0	201.8	310.4	238.6	262.6	189.3	196.5	193.3	271.2						
1981	196.0	228.8	389.4	214.8	318.6	393.7	267.2	250.2	212.4	198.6	182.5	287.4						
1982	194.0	236.9	397.2	205.2	211.5	300.4	253.7	250.3	254.0	190.0	172.2	282.5						
1983	195.3	252.0	400.1	210.0	181.7	319.8	262.1	242.4	217.6	205.3	182.7	282.0						
1984	203.2	253.0	359.1	219.1	292.7	397.7	278.1	251.5	222.7	231.4	238.3	278.3						

1/ Includes other noncitrus fruits. 2/ Excludes all potatoes.

PRODUCER PRICE INDEX

PRODUCER PRICE INDEX—FINISHED CONSUMER FOODS

Year	Bakery products				Meat, poultry, and fish										Dairy products			
	White pan bread	Total	Flour base mixes and doughs	Milled rice	Meat			Processed poultry				Unpro-		Eggs	Fresh milk	Butter		
					Beef	Pork	Total	Broil-ers	Tur-keys	Total	and	ceased						
	90.0	90.8	NA	100.5	85.6	84.0	84.5	99.6	105.7	101.6	85.7	86.5	107.7	90.1	88.5			
1964	90.4	91.6	NA	98.2	90.4	103.0	95.6	104.2	107.9	105.7	90.0	96.2	111.0	90.0	90.4			
1965	97.2	97.3	NA	98.7	98.4	111.8	104.2	110.9	115.8	113.1	101.6	105.0	128.0	95.5	100.0			
1966	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
1967	101.5	101.8	101.9	100.0	104.1	98.4	102.2	108.1	98.5	105.8	108.1	103.1	111.4	105.3	100.2			
1968	103.8	104.0	104.6	96.9	112.9	110.8	113.3	115.1	105.3	113.6	118.7	113.8	133.9	107.8	101.3			
1969	109.2	110.1	105.4	97.0	114.5	111.9	115.1	104.3	125.5	113.3	125.3	115.8	126.8	107.8	104.5			
1970	113.4	114.8	111.9	98.9	124.1	99.5	114.1	106.7	111.3	112.4	137.2	116.0	100.8	110.8	103.0			
1971	116.5	117.8	113.8	110.9	133.4	122.1	128.5	110.7	111.4	115.8	159.5	130.0	103.7	111.6	103.6			
1972	129.0	129.2	118.4	207.1	163.6	160.5	163.4	167.3	179.4	177.2	190.8	167.5	165.7	115.5	105.3			
1973	158.7	161.0	147.2	285.2	158.6	162.3	159.6	152.6	141.7	157.3	204.6	163.5	160.6	126.8	100.9			
1974	172.3	180.6	176.9	209.9	176.3	214.7	188.7	179.2	163.3	184.1	212.4	191.0	159.8	129.7	119.3			
1975	174.4	186.5	166.7	157.7	156.0	201.4	173.6	160.3	153.5	166.2	278.7	181.6	179.1	138.7	139.5			
1976	177.1	186.5	173.5	171.0	157.5	190.1	170.7	164.9	169.6	173.3	294.3	182.0	141.3	148.0	148.0			
1977	191.5	201.3	187.3	207.7	202.2	219.1	209.6	180.8	207.1	194.0	313.0	217.1	158.6	150.8	166.8			
1978	212.9	221.7	203.1	204.0	252.2	204.9	233.8	174.1	208.8	188.6	383.9	242.0	176.5	169.8	185.6			
1979	237.1	247.8	223.7	243.4	260.2	196.8	235.9	182.0	198.3	193.3	370.9	243.1	171.0	183.0	211.5			
1980	255.8	268.3	238.5	277.3	246.9	218.1	239.0	183.5	191.4	193.3	377.8	246.2	187.1	194.4	225.6			
1981	265.3	275.4	244.1	185.1	245.0	251.1	250.6	170.4	181.6	178.7	422.4	257.6	179.7	197.9	226.9			
1982	275.0	285.9	206.9	193.4	236.3	227.5	236.4	179.0	178.4	185.3	445.2	249.0	177.9	199.4	226.6			
1983	282.4	270.4	204.5	195.9	237.1	226.5	234.4	194.1	214.5	206.0	476.0	254.4	210.8	200.6	228.8			

Continued--

5/ Includes veal.

PRODUCER PRICE INDEX—Continued

PRODUCER PRICE INDEX—FINISHED CONSUMER FOODS—Continued

	Processed fruits and vegetables										1967 = 100									
	Dairy--Continued			Canned	Frozen	Canned	Frozen	Soft	Coffee	Vege-	Jams,	Alco-								
		Ice		fruit	fruit	vege-	vege-	drinks	7/	table	jellies,	Total								
Cheese	Total	cream	Total	and	and	tables	tables	Total		oil	and	4/								
				juices	juices	6/				end	pre-	beve-								
										products	serves	ages								
1964	83.1	92.3	88.5	103.3	158.8	80.5	104.9	97.8	110.4	88.0	90.4	91.9	98.5							
1965	85.4	92.7	89.0	97.9	122.8	86.2	103.0	95.2	106.3	99.3	91.5	95.5	98.6							
1966	102.5	96.9	97.3	98.0	117.2	92.3	103.1	97.8	104.4	102.6	96.4	101.6	98.8							
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0							
1968	104.7	101.4	104.7	110.8	117.0	101.3	104.7	106.5	102.4	98.2	103.7	103.6	101.2							
1969	113.9	103.8	108.2	109.2	126.6	100.5	115.0	108.1	106.5	101.5	107.3	110.0	102.4							
1970	120.8	106.9	111.2	113.1	114.7	105.1	114.8	110.6	127.1	111.9	109.2	113.5	105.5							
1971	126.6	108.8	115.6	118.4	124.3	107.9	116.0	114.4	126.0	121.4	112.0	115.3	109.6							
1972	134.2	109.3	118.6	123.3	134.0	110.7	121.0	119.7	126.4	121.2	114.6	121.7	110.6							
1973	160.8	112.7	131.1	134.0	137.3	117.9	128.7	129.6	142.5	143.6	123.4	146.4	112.4							
1974	176.8	128.1	146.4	159.7	144.0	142.2	164.9	154.6	149.7	224.8	160.9	166.9	120.7							
1975	192.2	139.4	155.8	173.8	156.5	163.1	180.0	169.8	174.9	211.5	187.3	181.0	134.7							
1976	212.2	148.7	168.5	174.5	155.6	163.7	181.5	170.2	259.1	174.2	183.1	180.4	138.1							
1977	215.3	157.4	173.4	190.4	196.8	171.8	191.7	187.4	441.7	198.1	190.6	189.9	139.7							
1978	240.8	169.6	188.4	213.8	232.0	178.7	200.9	202.6	364.1	209.4	207.8	207.2	148.2							
1979	269.7	189.1	211.2	240.2	248.5	186.7	210.9	221.9	352.0	223.5	225.3	226.2	161.4							
1980	292.6	212.4	230.6	256.4	244.3	195.4	222.5	228.7	371.6	233.2	258.8	239.5	175.8							
1981	309.0	232.8	245.6	274.2	305.9	227.0	253.0	261.2	325.2	238.1	282.8	253.6	189.5							
1982	313.2	235.9	248.9	283.8	305.6	242.1	280.0	274.4	336.5	234.4	302.9	259.2	197.8							
1983	314.2	239.8	250.6	286.8	301.8	247.0	283.6	277.4	337.5	254.7	304.4	261.8	205.0							
1984	311.6	246.3	251.7	312.4	351.0	252.6	266.7	294.4	357.4	301.3	308.8	273.3	209.8							

4/ Includes items not shown. 6/ Includes canned vegetable juices. 7/ Whole bean, ground, and instant.

FOOD MARKETING COST INDEX

USDA's Economic Research Service developed a food marketing cost index (FMCI) for monitoring and analyzing changes in labor costs and prices of other inputs to food processing and distribution. The FMCI measures price changes for supplies and services used in processing, wholesaling, and food store retailing of domestically produced foods. It does not cover input prices for doing business at eating places, however. The FMCI represents all nonfarm food marketing costs except de-

preciation of buildings and equipment, long-term interest, and profits. Prices in the index are weighted by the quantities used in 1972. The purpose is to ensure that price changes of individual input items have the same relative effect on the index proportionate to the use of each input by the food industry. Labor, for instance, is weighted far more heavily than packaging materials because of the food industry's proportionately greater dependence on and costs for labor.

FOOD MARKETING COST INDEX

Year	Labor (hourly earnings and benefits)					Intermediate goods and services															
	Process-: Whole-: Retail-: Total ing :saling: ing : : : :					Packaging and containers										Intermediate goods and services					
						Paper-: Metal: : board : cans : : products:	Paper : : bags : : bottles :	Plastic : : films and : : containers:	Glass : : con- : :	Metal : : foil : :	Total : : :	Trans- : : portation : : services:	Adver- : : tising : :	Rent : : :							
1967 = 100																					
1968	105.9	106.7	107.0	106.5	95.9	104.4	101.0	78.4	107.5	100.2	96.3	102.5	104.4	102.0	107.5	109.4	102.5	104.4	102.0	107.5	109.4
1969	112.7	113.5	114.8	113.7	99.4	107.1	103.6	79.9	114.7	105.5	99.5	105.0	109.4	105.0	107.5	109.4	105.0	109.4	105.0	107.5	109.4
1970	121.2	125.1	122.6	122.5	101.1	113.1	108.0	86.0	120.3	106.3	103.6	114.3	115.4	114.3	109.6	115.4	114.3	115.4	114.3	109.6	115.4
1971	130.9	131.9	133.0	131.9	102.4	123.8	109.7	81.8	131.6	106.4	106.6	128.5	121.7	128.5	108.7	121.7	128.5	121.7	128.5	108.7	121.7
1972	134.0	143.7	146.4	143.3	105.5	131.8	113.6	82.9	135.1	106.1	110.4	132.5	126.3	132.5	113.2	126.3	132.5	126.3	132.5	113.2	126.3
1973	151.3	153.7	157.3	154.2	115.1	138.5	121.6	86.4	138.9	106.0	117.3	135.2	131.1	135.2	118.2	131.1	135.2	131.1	135.2	118.2	131.1
1974	164.3	167.4	173.7	168.7	152.2	170.3	144.9	129.6	155.5	113.0	149.7	156.3	145.9	156.3	124.2	145.9	156.3	145.9	156.3	124.2	145.9
1975	184.1	182.3	192.9	187.4	170.3	200.2	161.6	170.8	181.8	116.6	174.4	176.9	167.0	176.9	136.9	167.0	176.9	167.0	176.9	136.9	167.0
1976	200.1	197.6	210.3	203.8	176.2	212.1	170.0	188.1	195.4	127.1	184.8	194.4	174.9	194.4	152.8	174.9	194.4	174.9	194.4	152.8	174.9
1977	217.6	217.8	229.4	222.4	176.5	231.4	176.7	193.6	214.4	140.0	192.8	205.1	185.0	205.1	166.3	185.0	205.1	185.0	205.1	166.3	185.0
1978	237.2	239.3	254.0	244.4	179.6	263.8	186.5	192.1	244.4	159.3	204.7	220.5	199.2	220.5	181.3	199.2	220.5	199.2	220.5	181.3	199.2
1979	257.9	260.4	276.1	265.8	202.1	293.0	209.7	216.9	261.1	175.6	228.4	251.3	216.4	251.3	197.4	216.4	251.3	216.4	251.3	197.4	216.4
1980	283.3	283.5	306.4	292.6	234.6	325.7	236.5	238.5	292.7	184.1	261.5	296.8	235.0	296.8	214.5	235.0	296.8	235.0	296.8	214.5	235.0
1981	309.2	309.5	338.6	321.3	258.2	345.8	258.9	262.5	338.6	203.3	280.9	345.9	255.0	345.9	234.9	255.0	345.9	255.0	345.9	234.9	255.0
1982	330.0	335.1	359.3	342.7	254.9	363.6	264.4	200.0	355.7	213.2	275.1	371.1	264.3	371.1	260.1	264.3	371.1	264.3	371.1	260.1	264.3
1983	340.9	357.6	370.4	356.7	251.0	374.3	265.4	226.2	352.4	214.0	280.7	374.5	260.6	374.5	280.2	260.6	374.5	260.6	374.5	280.2	260.6
1984	351.9	375.0	380.6	367.8	281.3	398.7	281.0	272.1	360.8	226.9	308.0	391.7	261.6	391.7	300.4	261.6	391.7	261.6	391.7	300.4	261.6

Continued—

FOOD MARKETING COST INDEX—Continued

FOOD MARKETING COST INDEX—Continued

Intermediate goods and services--Continued																	
Fuel and power				Community		Main-		Business		Supplies		Property		Short-		Total food	
Electric		Petroleum		Natural gas		Total		Water, and sewage		and services		Taxes and insurance		term interest		marketing cost index	
														1967 = 100			
1968	100.9	101.9	92.7	99.7	100.8	105.8	105.0	102.1	109.2	115.5	101.1	103.5					
1969	101.8	102.4	93.2	100.5	102.8	113.7	109.9	102.8	118.3	153.2	105.5	109.2					
1970	105.8	106.5	103.6	106.1	105.1	122.3	115.6	106.5	130.4	150.9	111.1	116.1					
1971	113.6	110.3	108.0	112.3	111.3	131.5	123.5	108.7	141.9	100.0	116.0	123.0					
1972	121.5	113.3	114.1	118.4	117.8	137.9	128.2	109.9	153.3	92.6	120.2	130.5					
1973	129.3	139.7	126.7	133.1	120.8	146.7	133.3	113.4	158.4	159.5	127.4	139.4					
1974	163.1	272.2	162.2	198.9	126.3	164.3	146.8	145.1	162.9	192.6	152.6	159.8					
1975	193.4	309.4	216.7	236.1	131.8	182.2	159.6	169.9	180.1	123.7	172.1	178.8					
1976	207.7	336.9	286.8	264.5	138.4	196.1	171.3	181.3	194.5	104.7	185.4	193.6					
1977	232.9	384.1	310.6	316.6	142.6	209.2	182.5	188.9	219.0	109.8	198.5	209.2					
1978	250.6	398.1	428.7	331.7	147.5	226.9	195.2	197.8	237.3	156.4	212.7	227.0					
1979	270.3	574.6	544.8	418.2	148.7	249.7	211.0	224.3	246.9	213.5	240.3	252.2					
1980	321.6	850.6	724.8	563.2	153.9	277.1	230.6	259.3	270.2	240.3	281.1	286.0					
1981	367.9	1056.2	826.3	669.2	168.7	304.0	254.2	283.8	294.0	288.8	314.4	317.5					
1982	406.1	1012.1	990.3	705.1	186.7	325.1	277.1	289.1	309.9	232.6	326.8	334.0					
1983	417.9	895.9	1155.6	705.1	199.6	338.2	291.9	286.5	327.5	174.0	332.5	343.2					
1984	440.0	880.2	1162.6	712.5	215.4	350.4	303.3	288.3	343.7	198.8	349.9	357.9					

EXPENDITURES—FOOD FOR OFF-PREMISE USE

Source: U.S.D.A., Economic Research Service—Millions of Dollars

Year	Food sales					Home production and donations	Total for off-premise use	All food
	² Food-stores	³ Other stores	Home delivery and mail order	Farmers, manufacturers, and wholesalers	Total			
1965...	49,076	3,266	2,631	1,629	56,782	3,940	60,722	86,675
1966...	51,446	3,438	2,517	1,689	59,090	3,815	62,905	91,536
1967...	52,109	3,318	2,499	1,618	59,544	3,659	63,203	93,554
1968...	55,198	3,482	2,460	1,676	62,816	3,707	66,523	99,913
1969...	59,509	3,625	2,379	1,736	67,249	3,849	71,098	107,138
1970...	65,480	3,765	2,383	1,813	73,441	4,086	77,527	116,925
1971...	69,161	4,004	2,373	1,828	77,366	4,080	81,446	123,596
1972...	74,123	4,221	2,400	1,811	82,555	4,297	86,852	133,065
1973...	83,896	4,969	2,270	2,062	93,197	5,217	98,414	150,804
1974...	95,259	5,695	2,208	2,174	107,336	6,114	113,450	172,560
1975...	104,246	6,365	1,952	2,231	114,794	5,975	120,769	188,459
1976...	110,734	6,929	1,861	2,311	121,835	6,149	127,984	204,264
1977...	117,834	7,712	1,944	2,592	130,082	6,085	136,117	220,481
1978...	130,461	8,467	1,908	2,899	143,735	6,476	150,211	245,568
1979...	146,391	9,356	1,891	3,245	160,883	6,992	167,875	276,349
1980...	162,317	10,266	1,837	3,587	178,007	8,276	186,283	305,731
1981...	173,729	11,236	1,592	3,934	190,491	9,011	199,502	330,207
1982...	180,680	11,763	1,284	4,018	197,745	9,948	207,693	347,409
1983...	186,884	12,449	1,159	4,061	204,553	9,360	213,913	365,864
1984...	198,050	13,190	1,040	4,168	216,448	9,807	226,255	389,994

²Excludes estimated sales to restaurants and institutions, trailer parks, commissary stores, and military exchanges.

³Includes eating and drinking establishments, ⁴Includes expenditures for "Meals And Snacks".

EXPENDITURES—MEALS AND SNACKS

Source: U.S.D.A., Economic Research Service—Millions of Dollars

Year	² Eating and drinking places	³ Hotels and motels	⁴ Retail stores, direct selling	⁵ Recreational places	⁶ Schools and colleges	⁷ All other	Total for meals & snacks	All food
1965...	14,444	1,409	2,162	522	3,062	4,534	26,133	86,675
1966...	15,768	1,541	2,346	544	3,329	5,103	28,631	91,536
1967...	16,595	1,623	2,436	563	3,632	5,502	30,351	93,554
1968...	18,695	1,703	2,713	616	3,903	5,760	33,390	99,913
1969...	20,207	1,716	2,984	661	4,256	6,216	36,040	107,138
1970...	22,617	1,894	3,325	721	4,475	6,466	39,398	116,925
1971...	24,166	2,086	3,626	762	4,990	6,520	42,150	123,596
1972...	26,799	2,390	3,911	832	5,370	6,911	46,213	133,065
1973...	31,041	2,639	4,308	963	5,597	7,842	52,390	150,804
1974...	35,154	2,864	4,712	1,167	6,269	8,944	59,110	172,560
1975...	41,200	3,199	5,098	1,369	7,029	9,795	67,690	188,459
1976...	47,326	3,769	5,457	1,511	7,812	10,405	76,280	204,264
1977...	53,195	4,115	5,882	1,748	8,365	11,059	84,364	220,481
1978...	60,730	4,778	6,437	2,085	9,003	12,324	95,357	245,568
1979...	69,708	5,383	7,236	2,397	9,899	13,851	108,474	276,349
1980...	76,563	5,638	8,107	2,797	11,140	15,203	119,448	305,731
1981...	83,808	6,251	8,638	3,231	11,851	16,926	130,705	330,207
1982...	90,295	6,503	8,802	3,575	12,494	18,047	139,716	347,409
1983...	100,519	6,569	9,104	3,873	13,246	18,673	151,984	365,864
1984...	109,479	7,090	9,400	4,170	13,900	19,700	163,739	389,994

¹See * note following Table headed "U.S. FOODSERVICE OUTLETS AND SALES 1977 & 1984" on adjacent page this Almanac. ²Includes tips. ³Includes vending machine operators but not vending machines operated by other organizations. ⁴Motion picture theaters, bowling alleys, pool parlors, sport arenas, camps, amusement parks, golf and country clubs. ⁵Includes school food subsidies. ⁶Military exchanges and clubs; railroad dining cars; airlines; food service in manufacturing plants, institutions, hospitals, boarding houses, fraternities and sororities, and civic and social organizations; and food supplied to military forces and civilian employees. ⁷Includes expenditures for "Food for Off-Premise Use".

*U.S. FOODSERVICE OUTLETS AND SALES 1977 & 1984

Source: U.S.D.A., Economic Research Service, Nat'l. Economics Division

Industry segment	Number of establishments		Percent change	*Sales of meals and snacks (in \$ millions)		Percent change	Percent change in real sales ¹
	1977	1984		1977	1984		
Commercial feeding	401,502	409,453	2.0	56,624	116,095	105.0	23.2
Separate eating places	229,892	253,854	10.4	47,426	99,582	110.0	26.1
Restaurants, lunchrooms	118,896	124,433	4.7	24,720	48,419	95.9	17.7
Fast food outlets	100,493	123,769	23.2	20,334	47,319	182.7	39.8
Cafeterias	7,001	5,640	-19.4	1,813	3,022	66.7	0.1
Lodging places	25,931	23,262	-10.3	3,613	7,264	101.1	20.8
Retail hosts ²	60,652	56,348	-7.1	2,691	4,779	77.6	6.7
Recreation, entertainment ³	33,619	34,282	2.0	1,915	3,394	77.3	6.5
Separate drinking places ⁴	51,408	41,706	-18.9	979	1,076	9.9	-34.0
Noncommercial feeding	223,005	296,645	33.0	25,152	42,390	88.5	8.0
Education	97,325	95,888	-1.5	8,242	12,239	48.5	-1.9
Elementary & secondary	91,300	89,600	-1.9	5,886	7,930	34.7	-6.4
Colleges & universities	3,095	3,288	6.2	2,256	4,092	81.4	9.0
Other	2,930	3,000	2.4	100	217	116.7	30.2
Plants, office buildings	15,187	15,846	4.3	3,576	6,793	89.9	14.1
Hospitals	7,099	6,861	-3.4	3,711	5,817	56.8	-5.8
Care facilities	21,117	28,933	37.0	2,388	5,281	121.2	53.6
Vending machines	3,737	3,556	-4.8	2,508	3,553	41.7	-14.9
Military services	3,971	3,352	-15.6	1,595	2,366	48.3	-0.5
Troop feeding	1,435	1,310	-8.7	1,245	1,765	41.8	-1.5
Clubs and exchanges	2,536	2,042	-19.5	350	601	71.7	3.2
Transportation	799	642	-19.6	1,079	1,922	78.1	7.1
Associations ⁵	18,966	19,394	2.3	958	1,562	63.0	-2.1
Correctional facilities	6,907	7,164	3.7	492	1,155	184.8	63.0
Child day care	18,967	84,175	343.8	249	760	205.2	111.8
Elderly feeding programs	11,173	14,035	25.6	202	689	241.1	136.5
Other	17,757	16,799	-5.4	151	252	66.9	0.5
Total	624,507	706,098	13.1	81,776	158,485	93.8	18.4

¹Consumer Price Index (1967 = 100). ²Food services operating within retail establishments such as department stores, variety stores, bakeries, and drugstores. ³Theaters, amusement parks, stadiums, and racetracks. ⁴Data base counts only food and nonalcoholic beverage sales. ⁵Membership organizations engaged in civic, social, or fraternal activities (including their lodges or hotels).

*Foodservice "sales" appearing in this table should not be confused with "Expenditures" for meals and snacks appearing on adjacent pages of this Almanac. The two data bases differ in purpose and construction.

EXPENDITURES DATA measure sales of food for off-premises use and meals and snacks at the point of final sale to consumers, businesses, governments, and institutions. They also include the value of home-produced and donated foods, as well as sales taxes and tips.

Expenditures for most foodservice segments are valued at retail cost plus tips and taxes but in some instances—for example, troop feeding in the military, patient feeding in hospitals, and resident feeding in nursing and care facilities—are valued at wholesale cost without retail markup. In these special cases, where the consumer is not billed directly for the cost of meals and snacks, the expenditures data base makes no adjustment to cover foodservice handling and preparation costs that would be included in an estimate of retail value.

In contrast, all SALES DATA in this table represent actual retail sales or estimated retail value and do not include tips and taxes. The sales data base also provides estimates of food use and food costs and greater foodservice industry segmentation than the expenditure series.

Further information on meal and snack expenditures, as distinguished from meal and snack sales, is available from the U.S. Department of Agriculture's Economic Research Service (ERS).



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